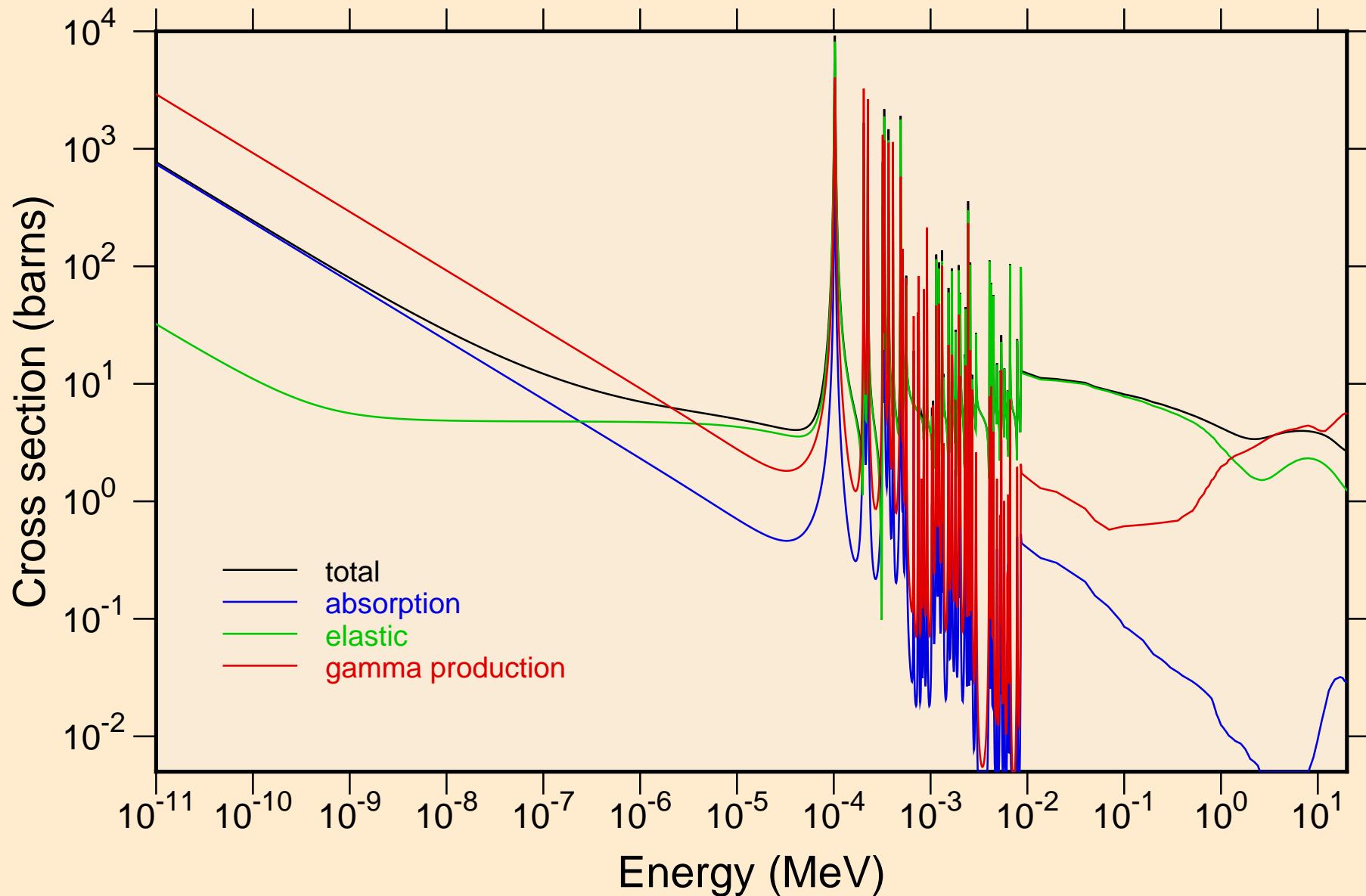
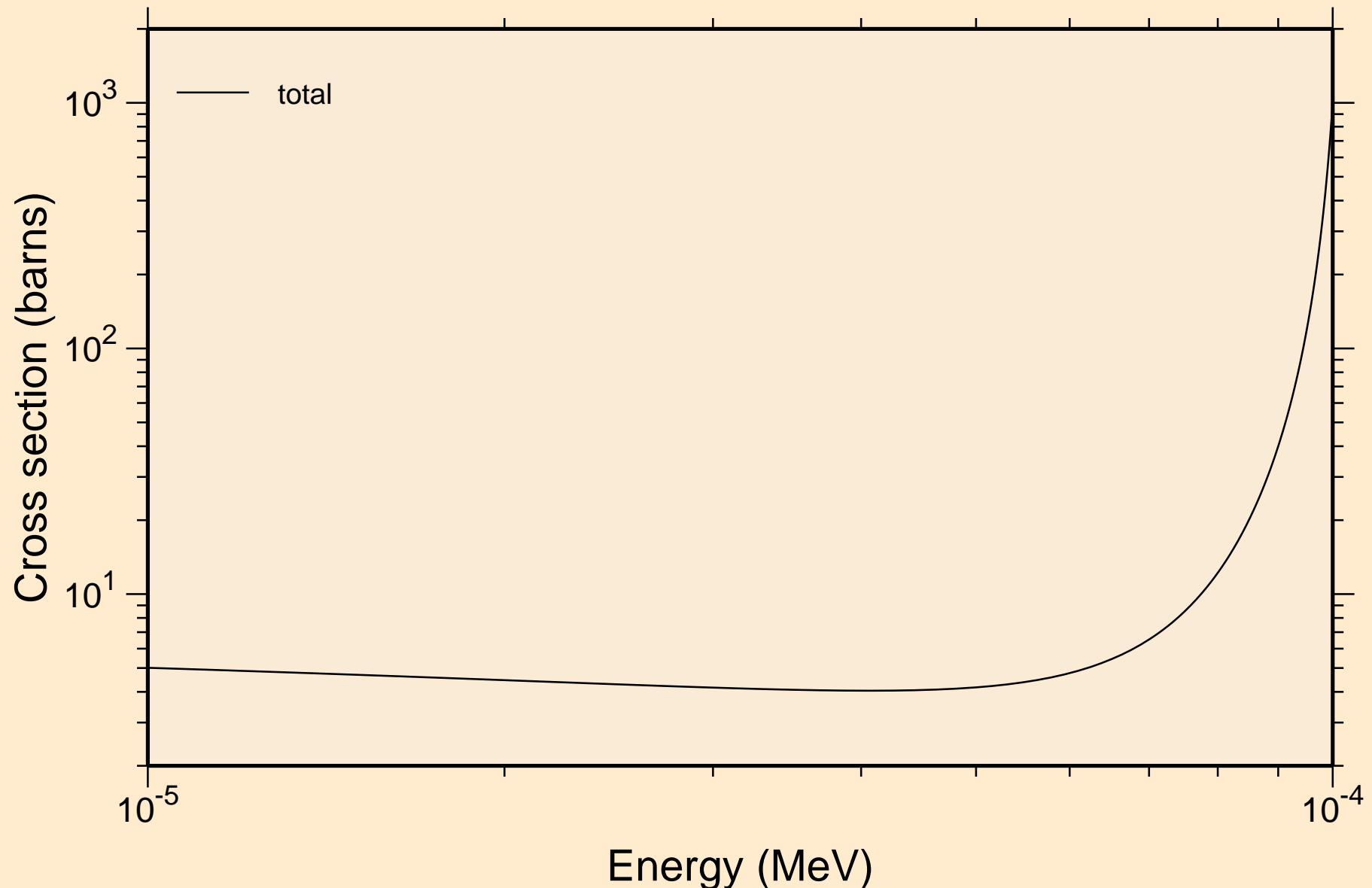


# JENDL-4 GE-73

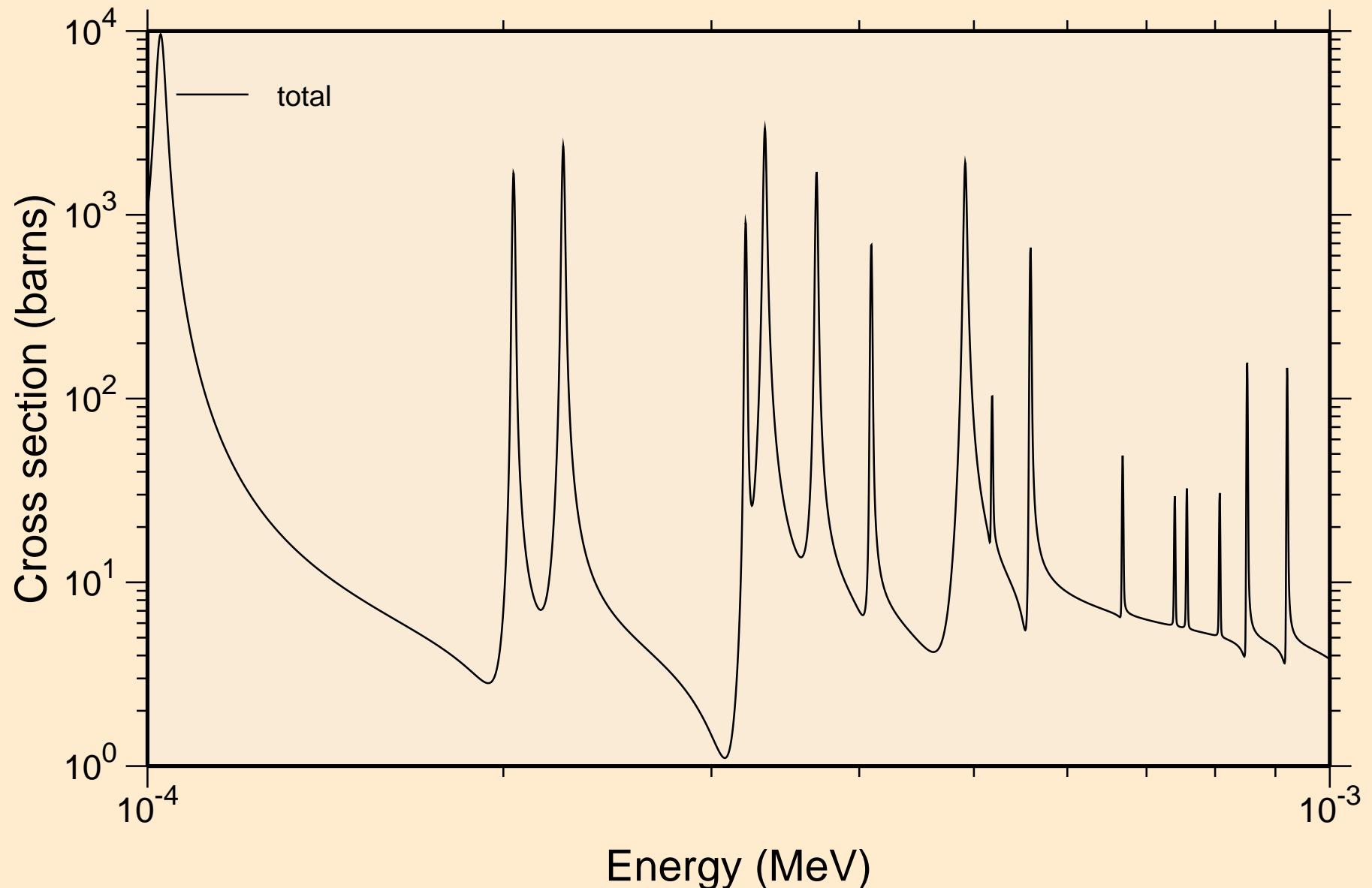
## Principal cross sections



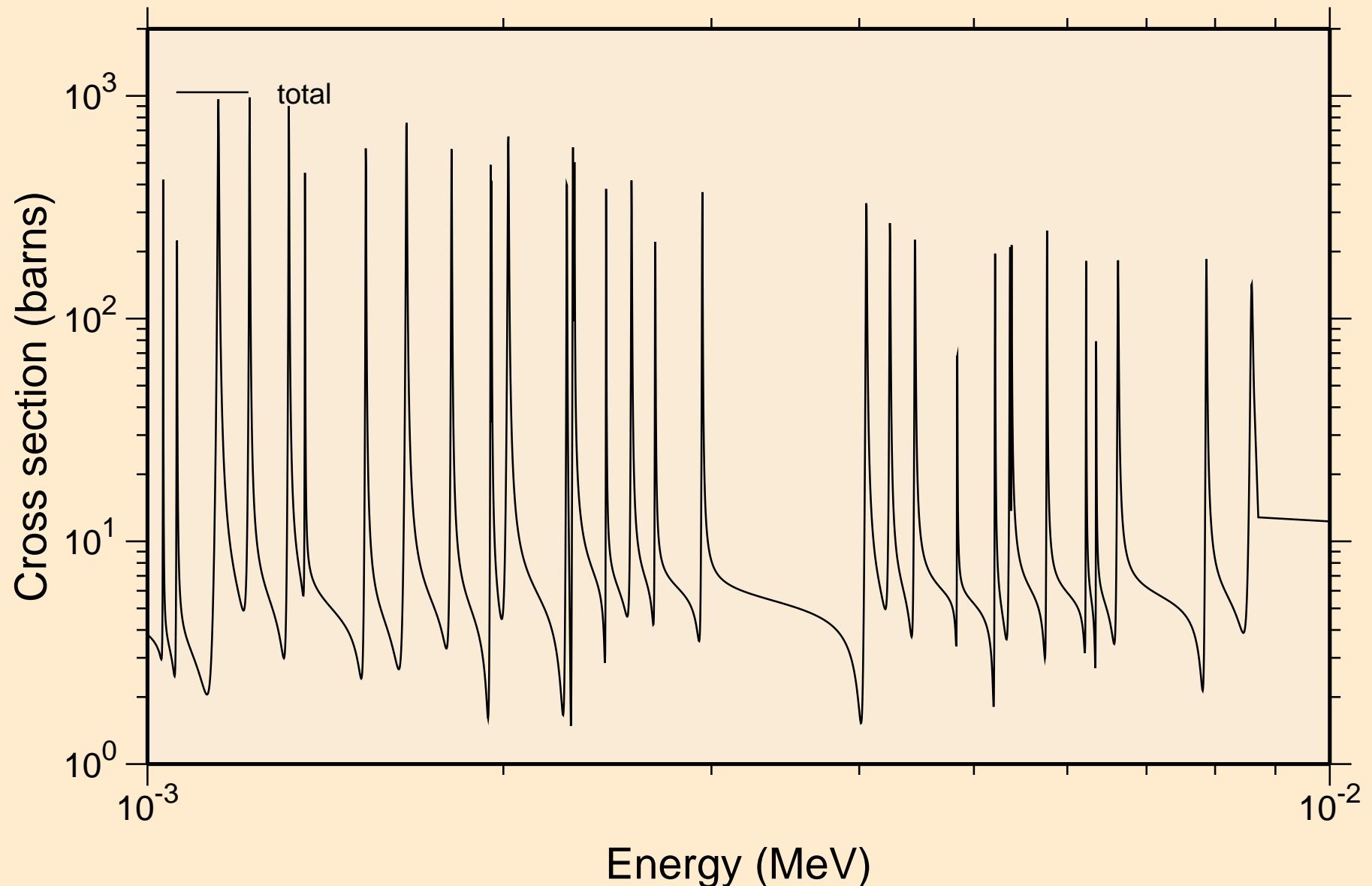
JENDL-4 GE-73  
resonance total cross section



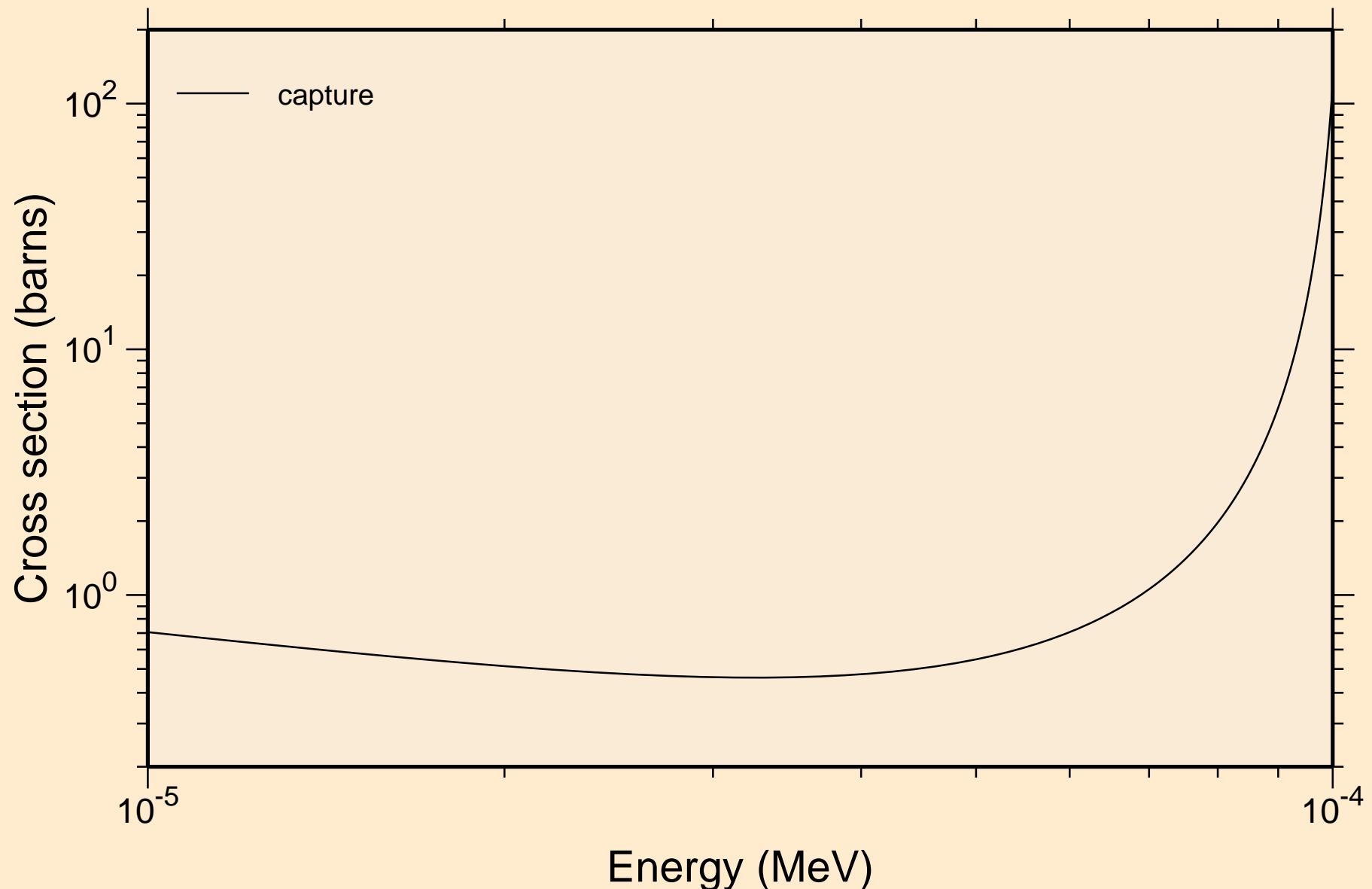
JENDL-4 GE-73  
resonance total cross section



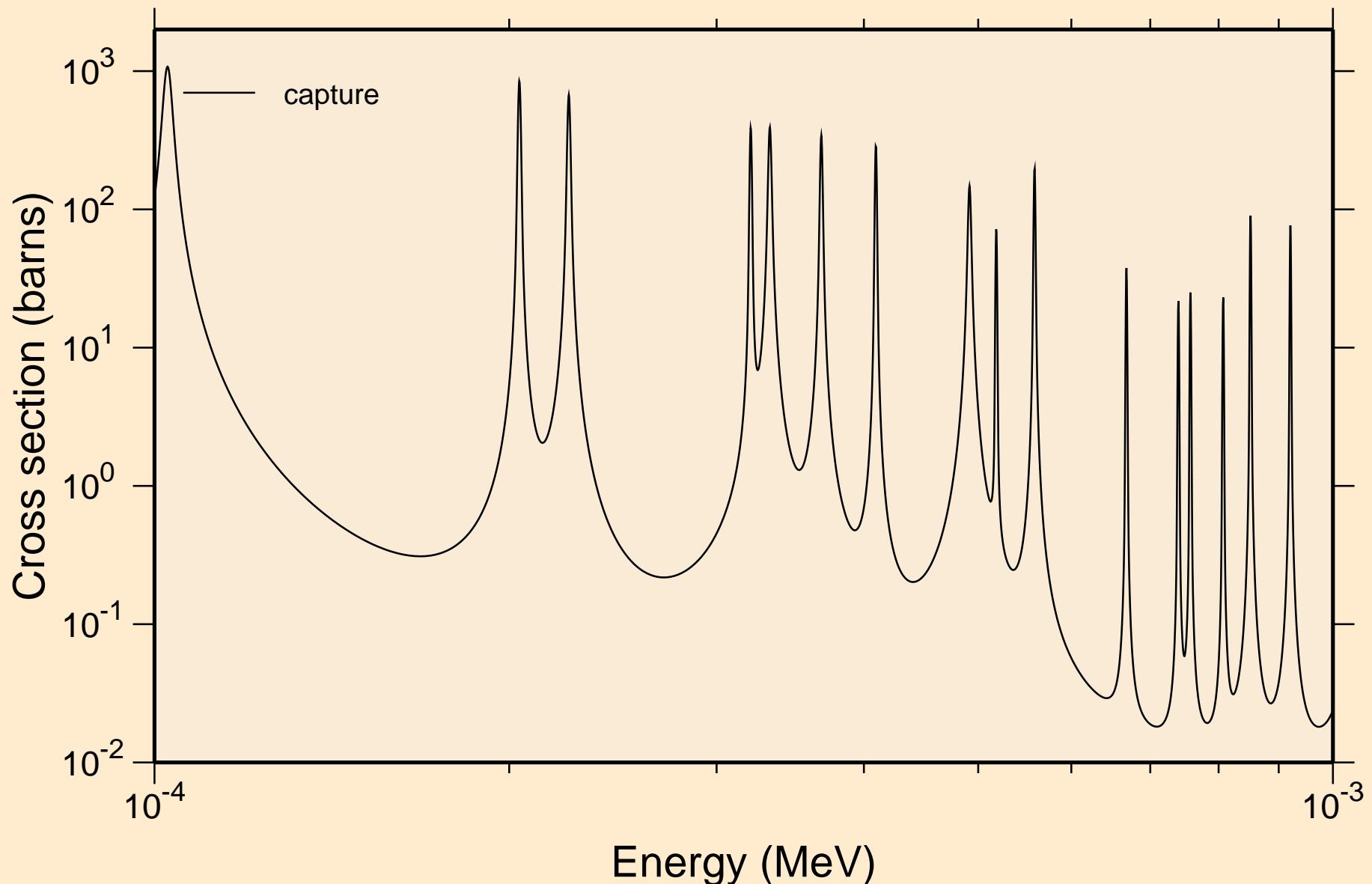
JENDL-4 GE-73  
resonance total cross section



JENDL-4 GE-73  
resonance absorption cross sections

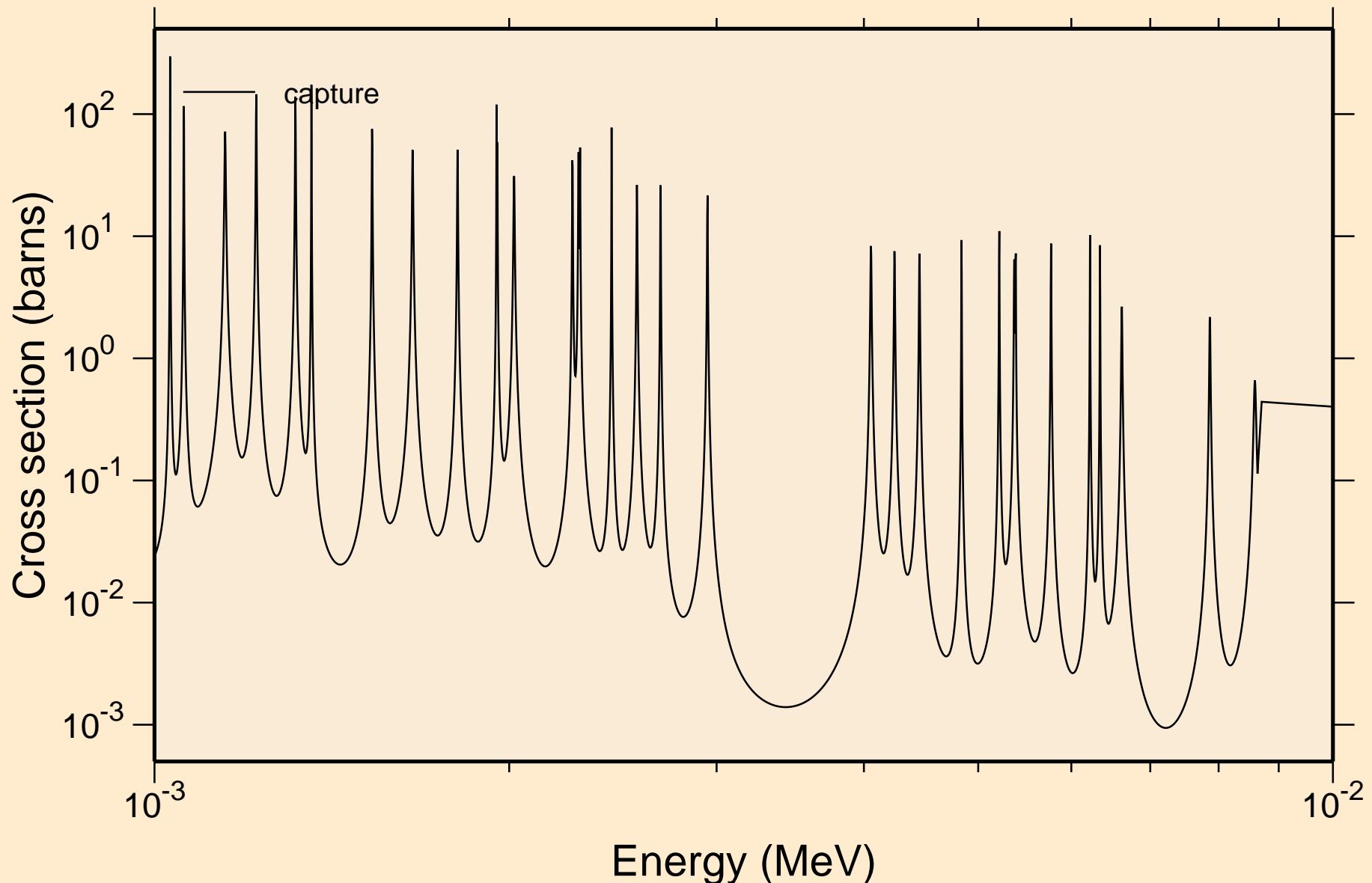


# JENDL-4 GE-73 resonance absorption cross sections



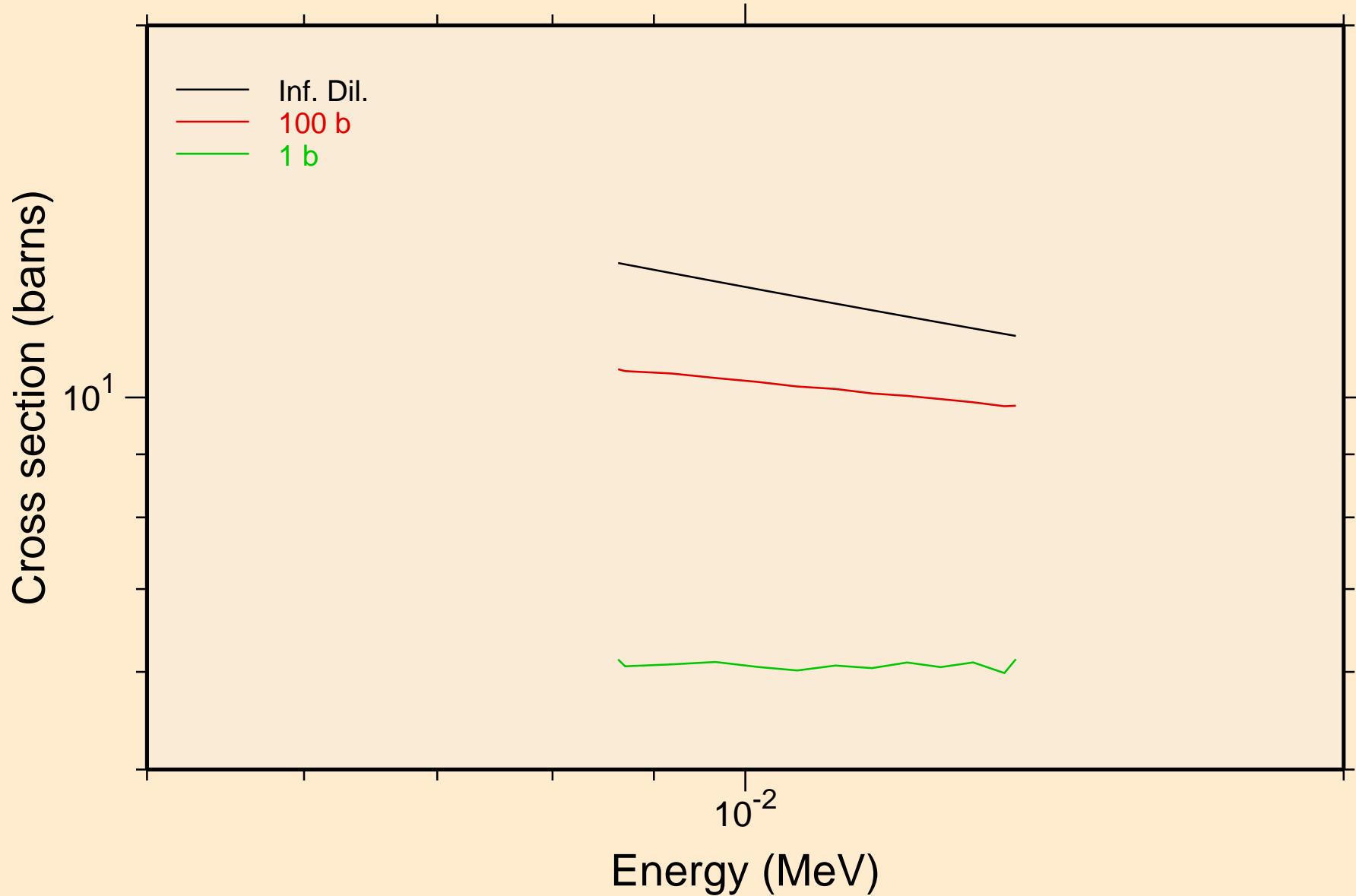
# JENDL-4 GE-73

## resonance absorption cross sections



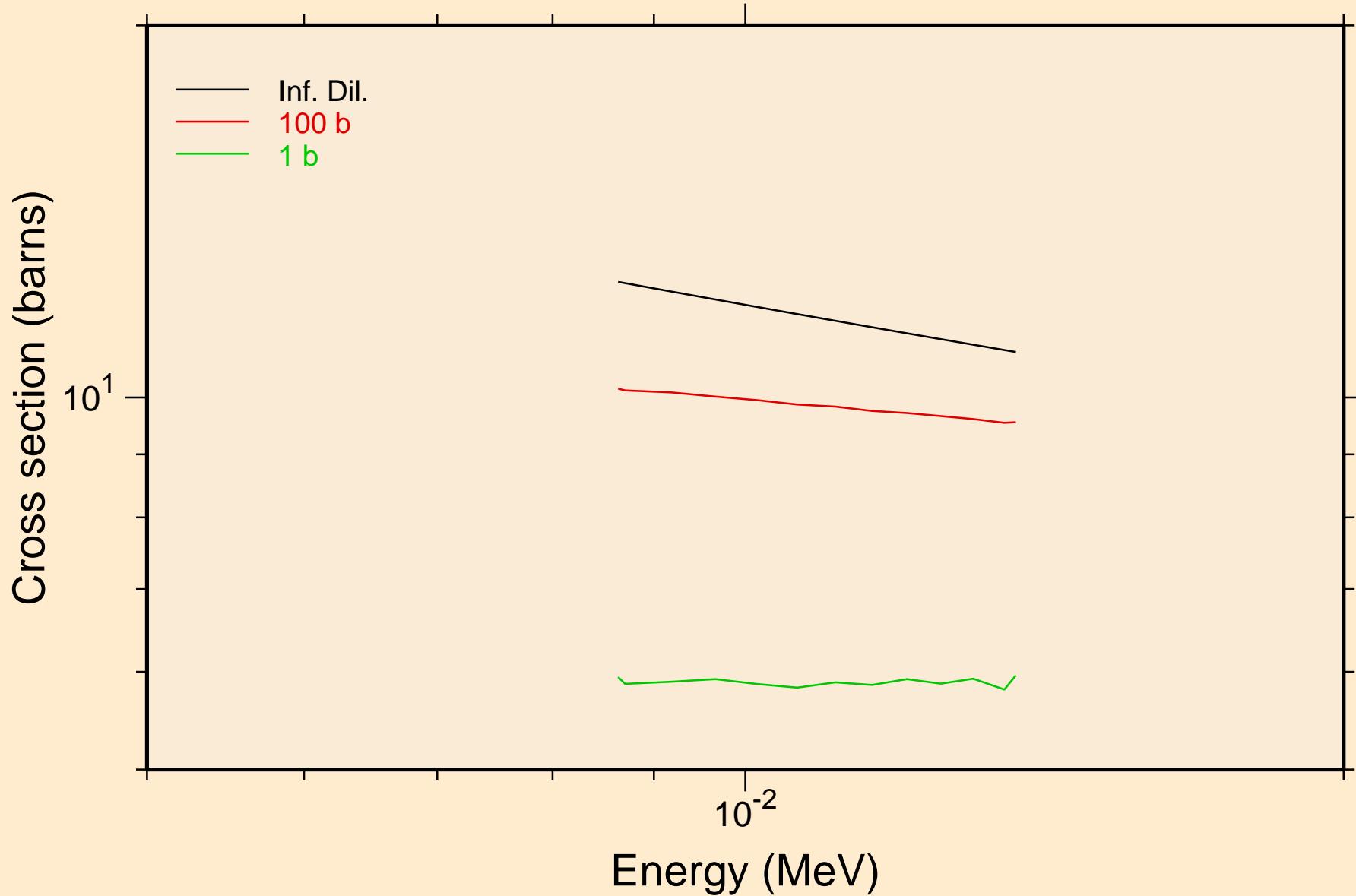
# JENDL-4 GE-73

## UR total cross section



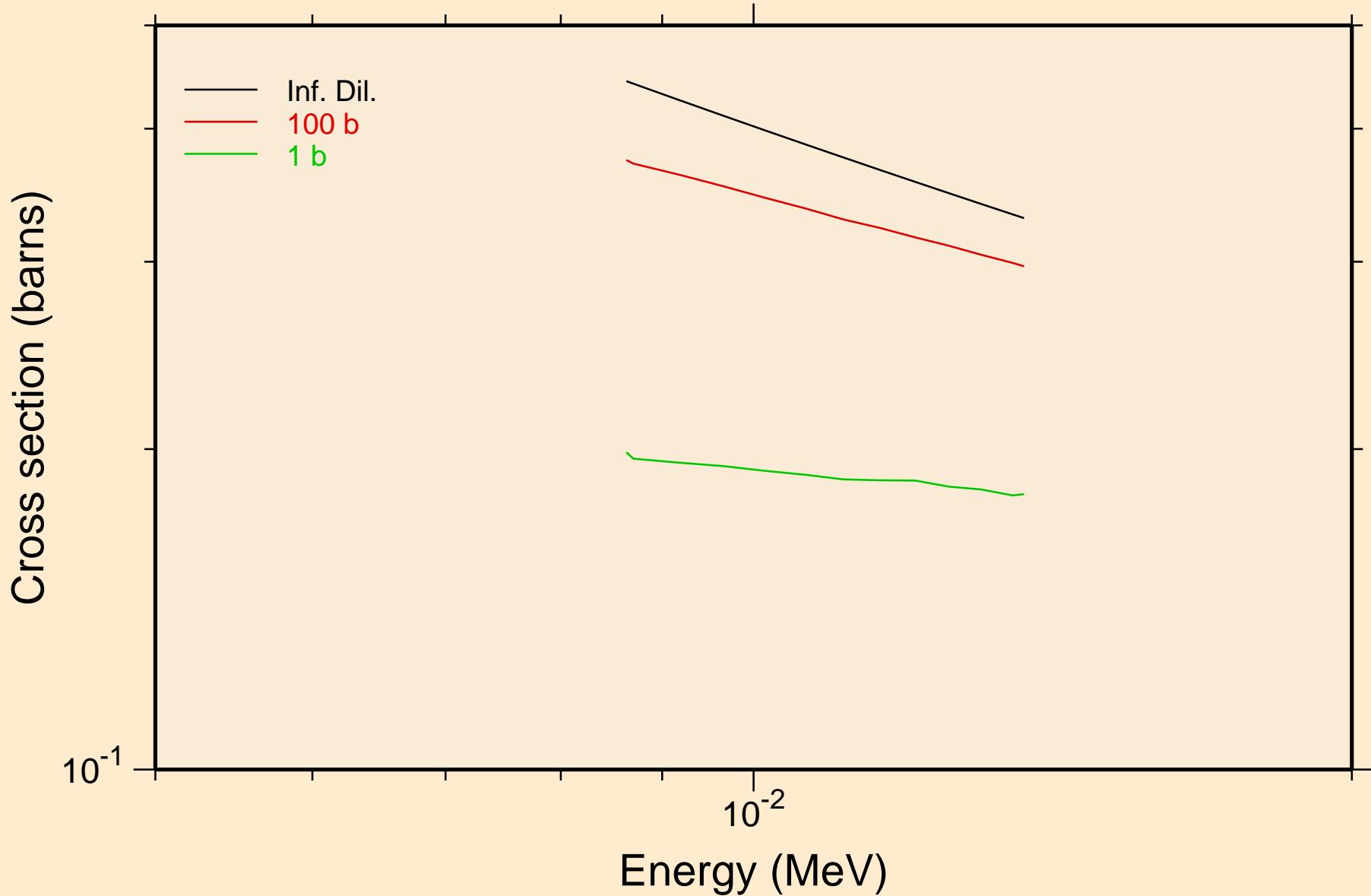
# JENDL-4 GE-73

## UR elastic cross section

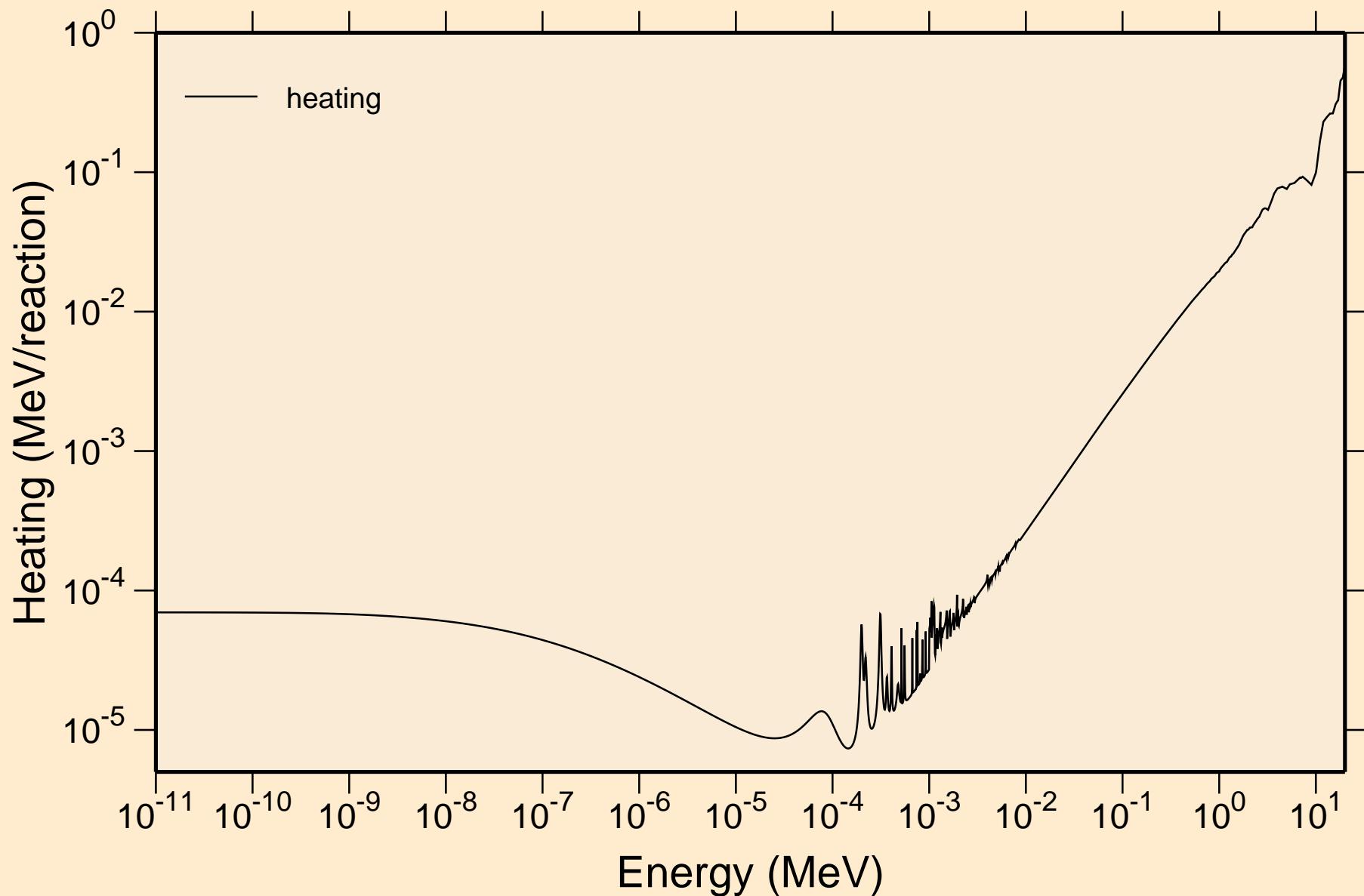


# JENDL-4 GE-73

## UR capture cross section

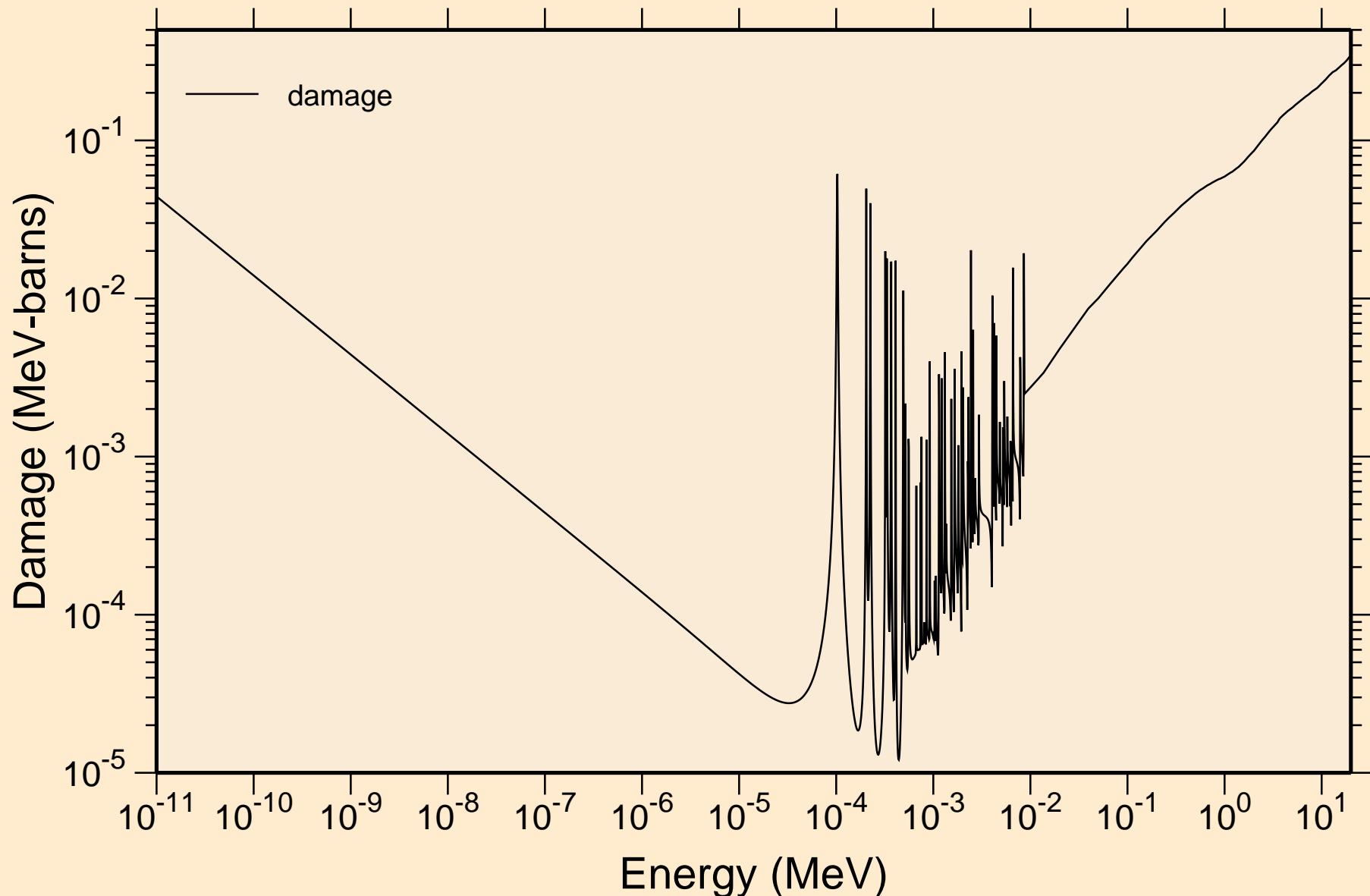


JENDL-4 GE-73  
Heating

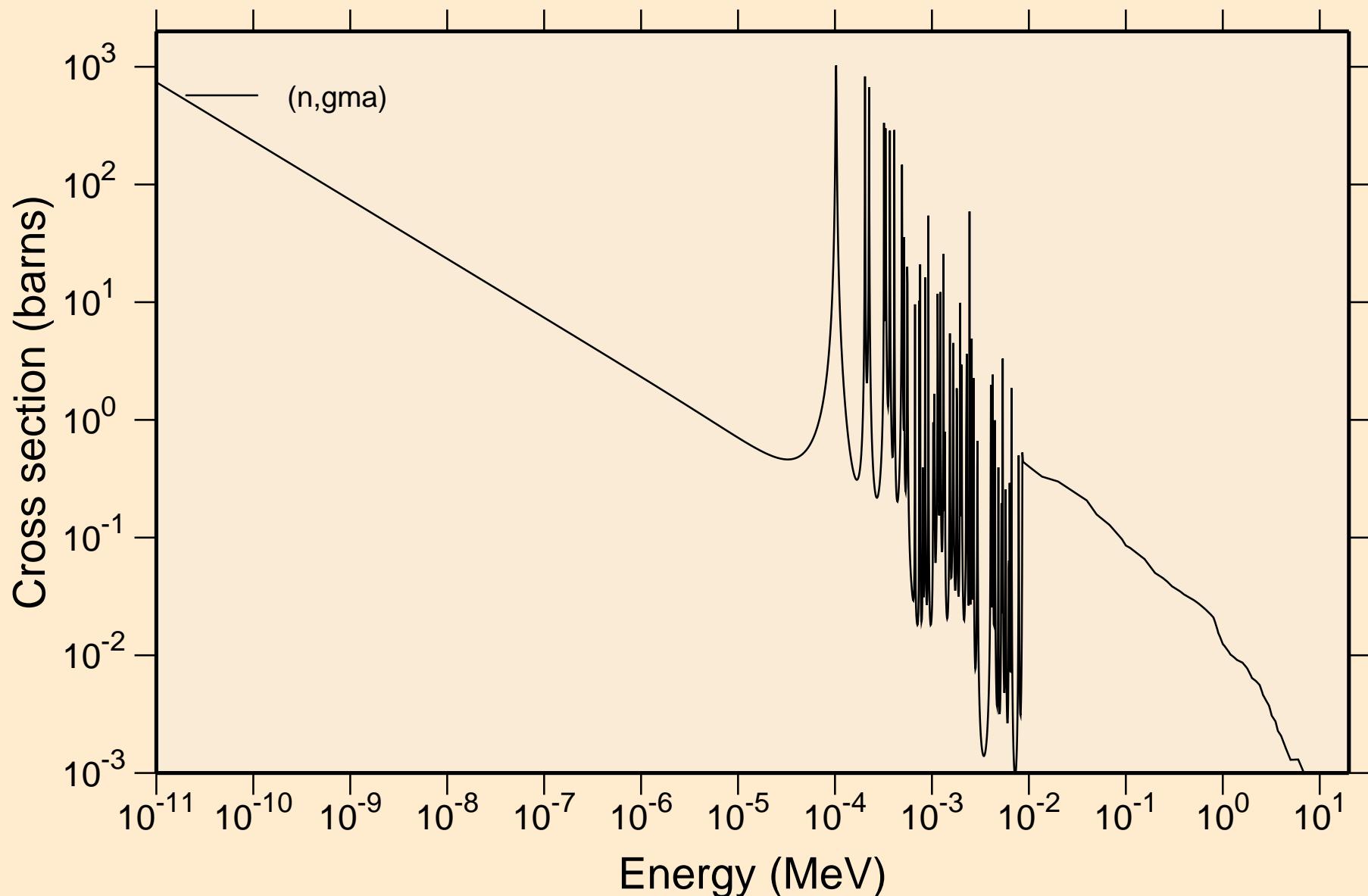


# JENDL-4 GE-73

## Damage

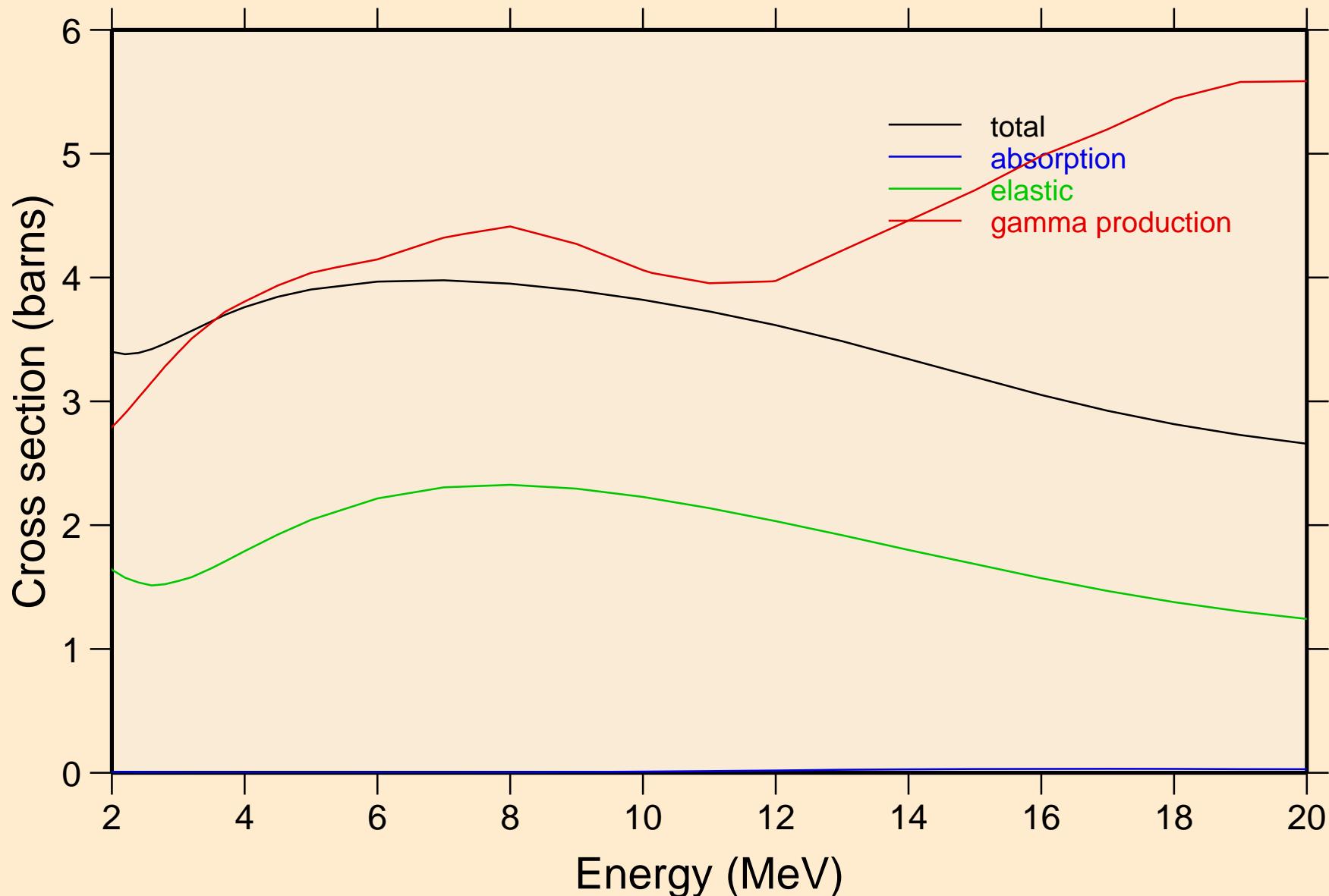


JENDL-4 GE-73  
Non-threshold reactions

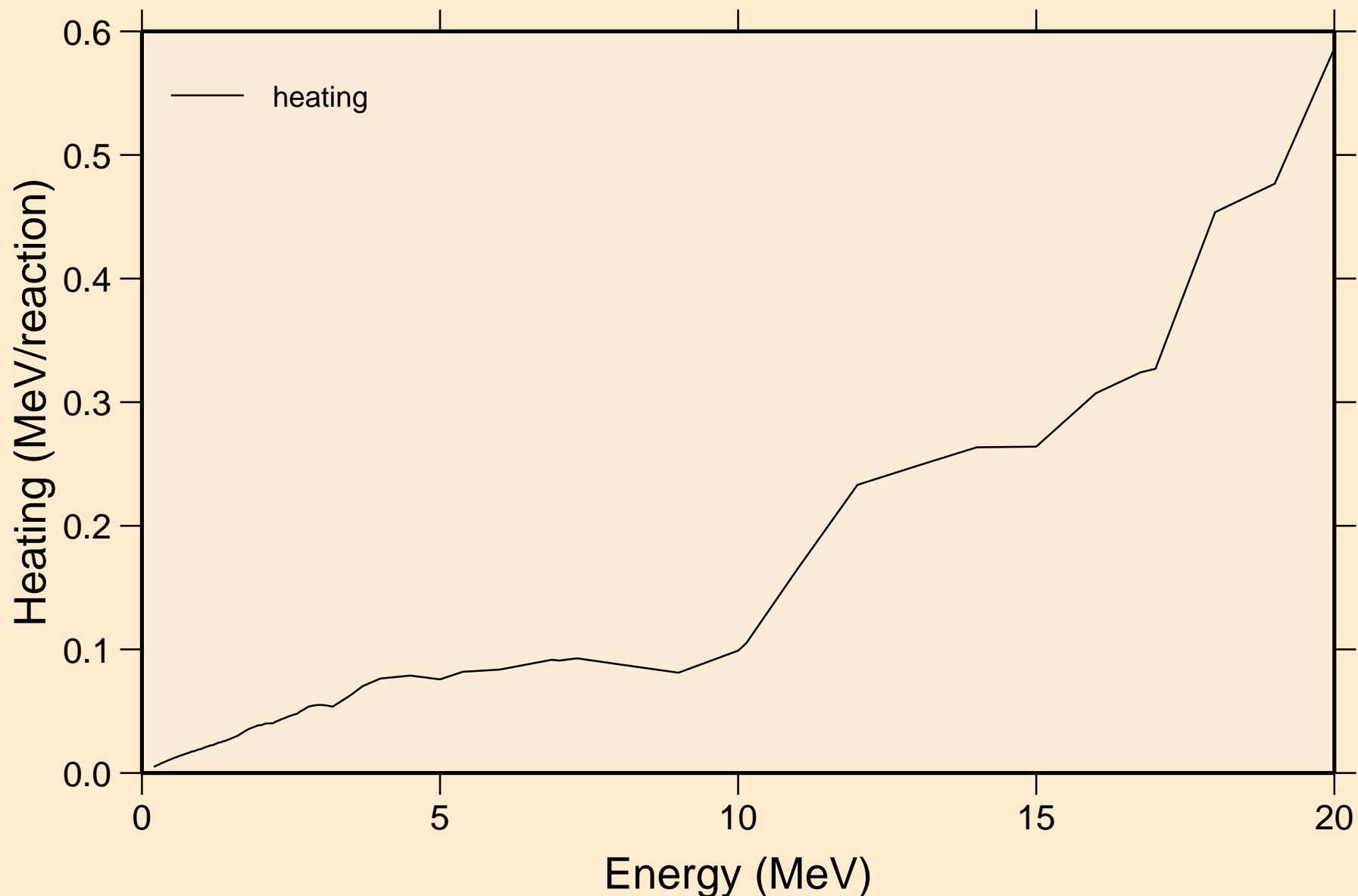


# JENDL-4 GE-73

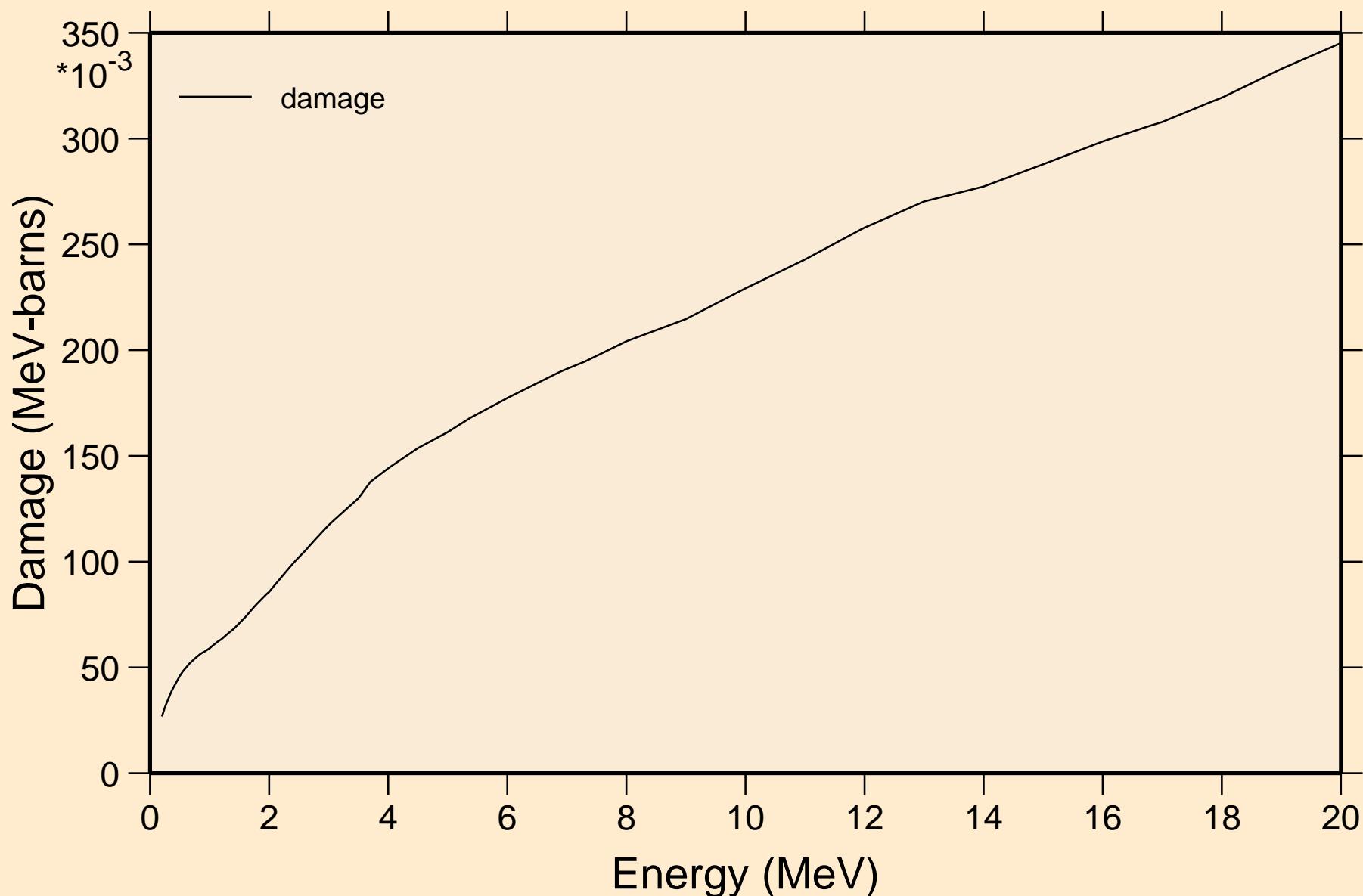
## Principal cross sections



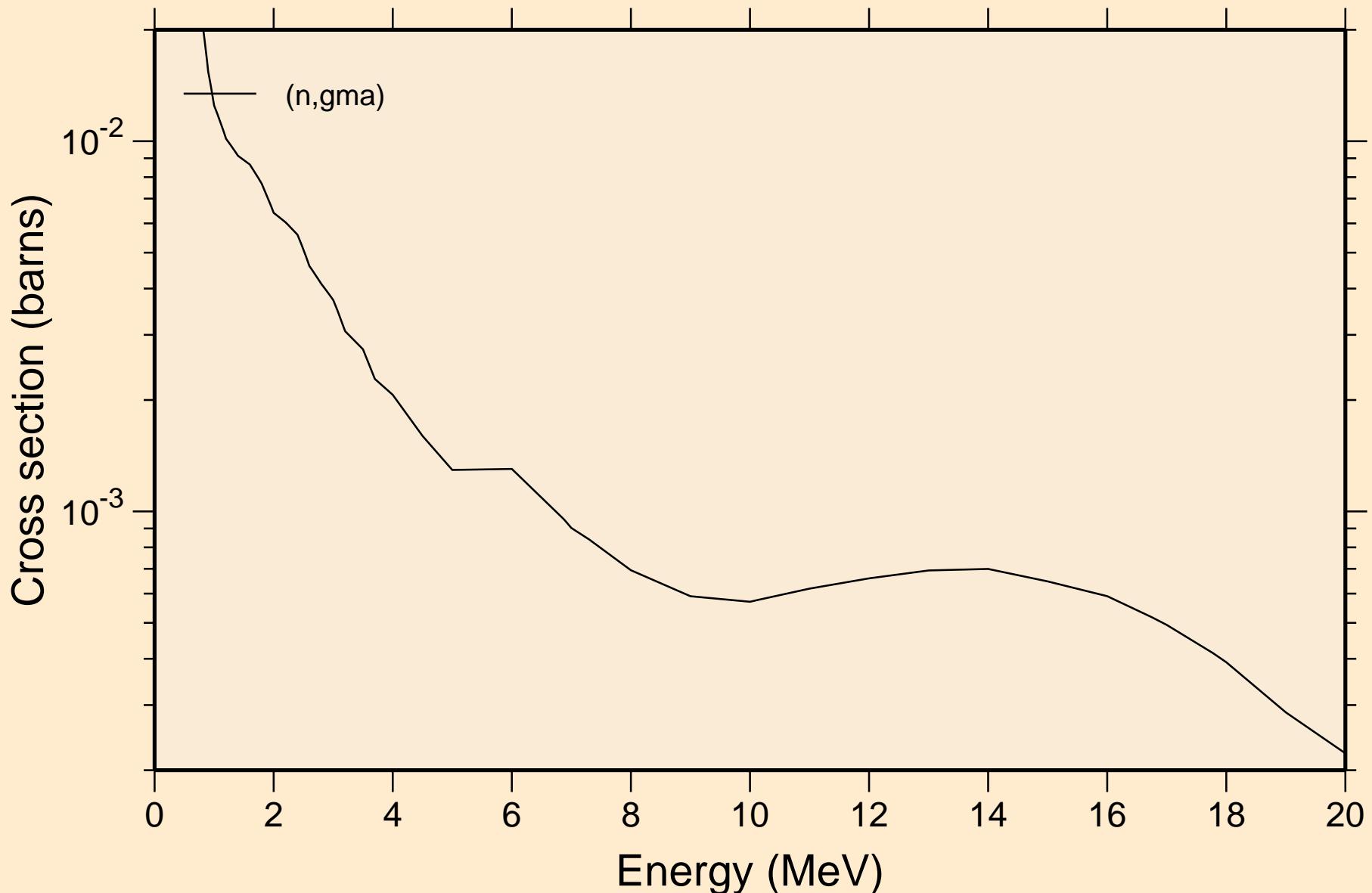
JENDL-4 GE-73  
Heating



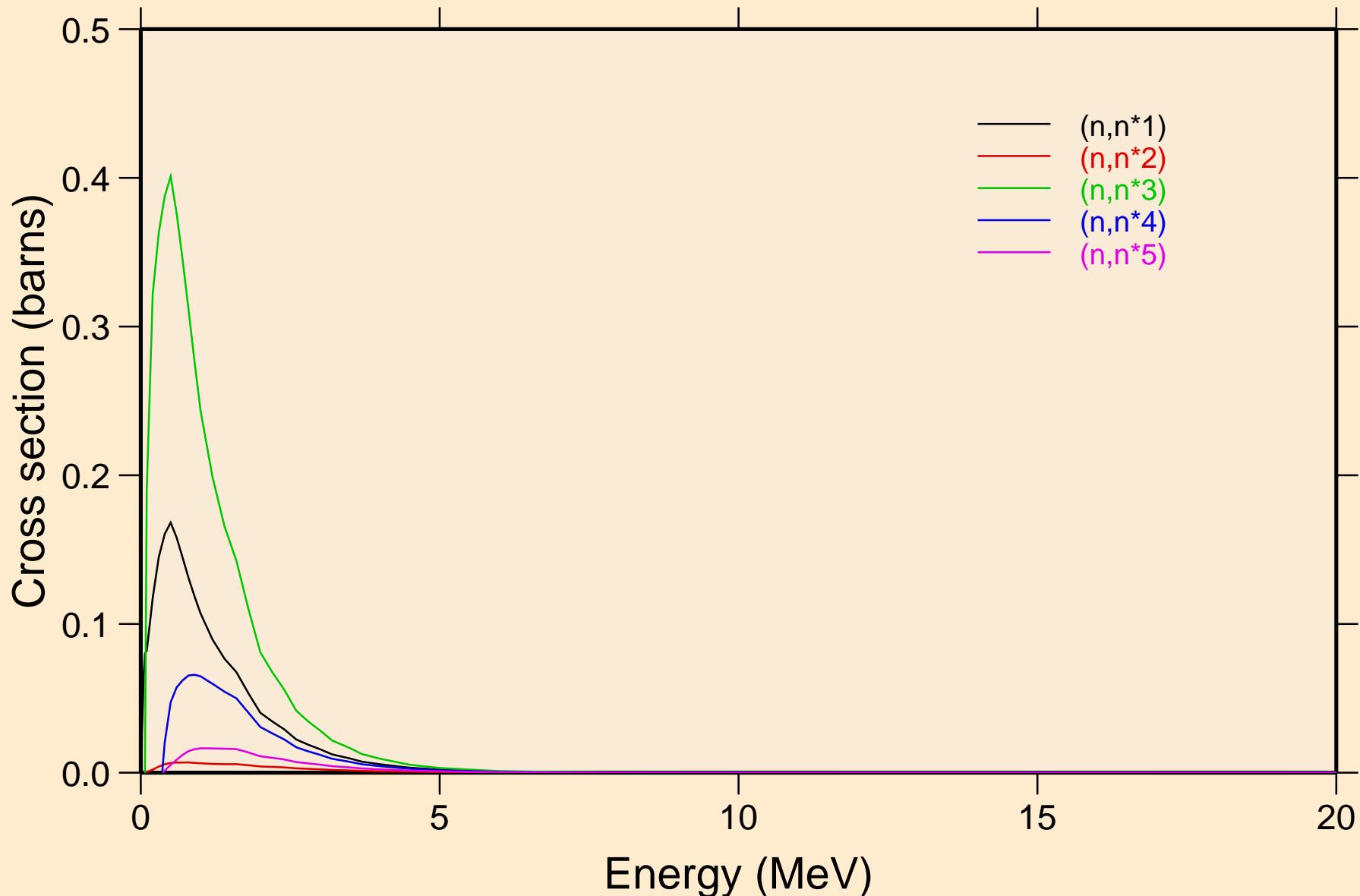
JENDL-4 GE-73  
Damage



JENDL-4 GE-73  
Non-threshold reactions

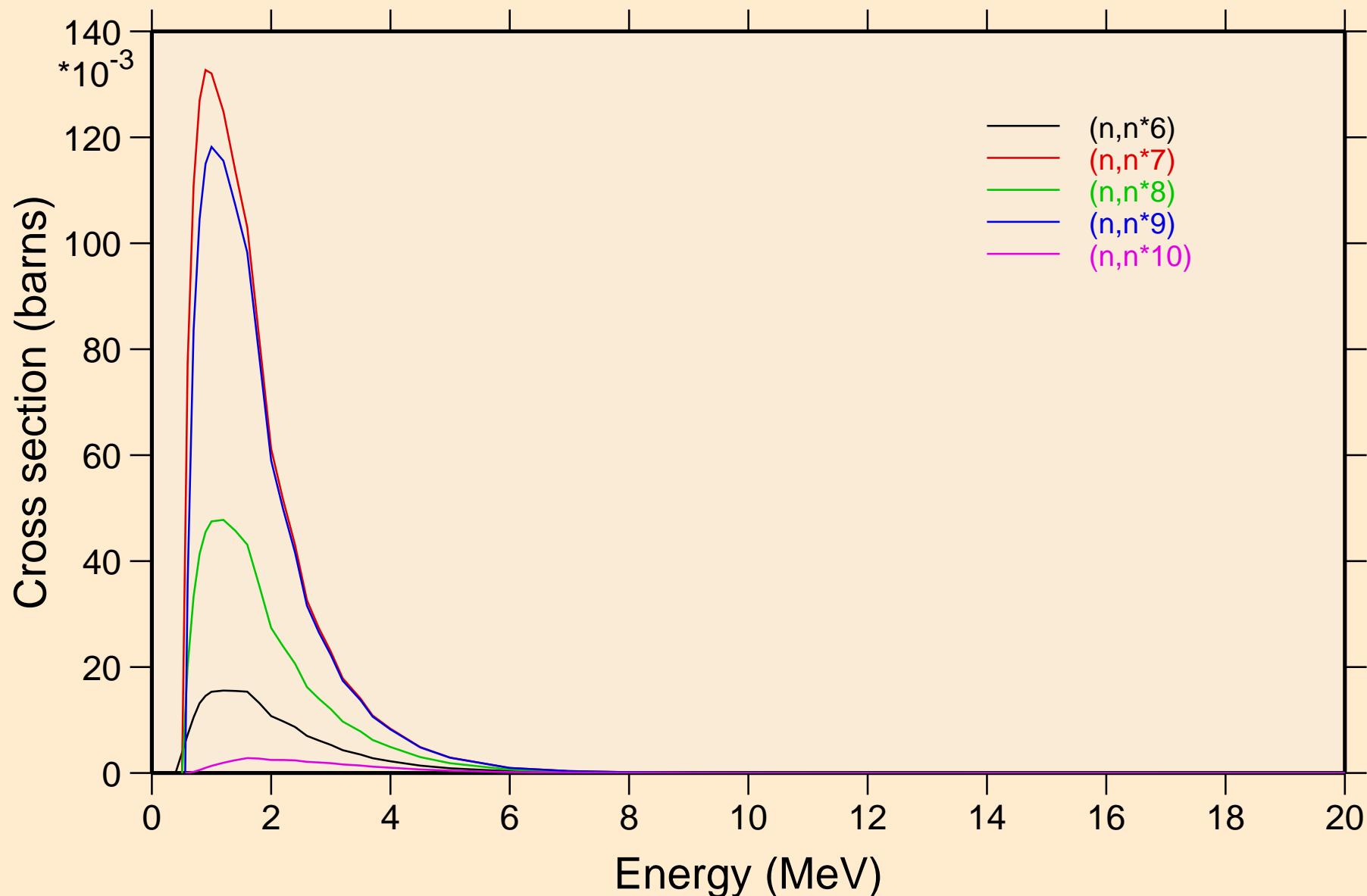


JENDL-4 GE-73  
Inelastic levels



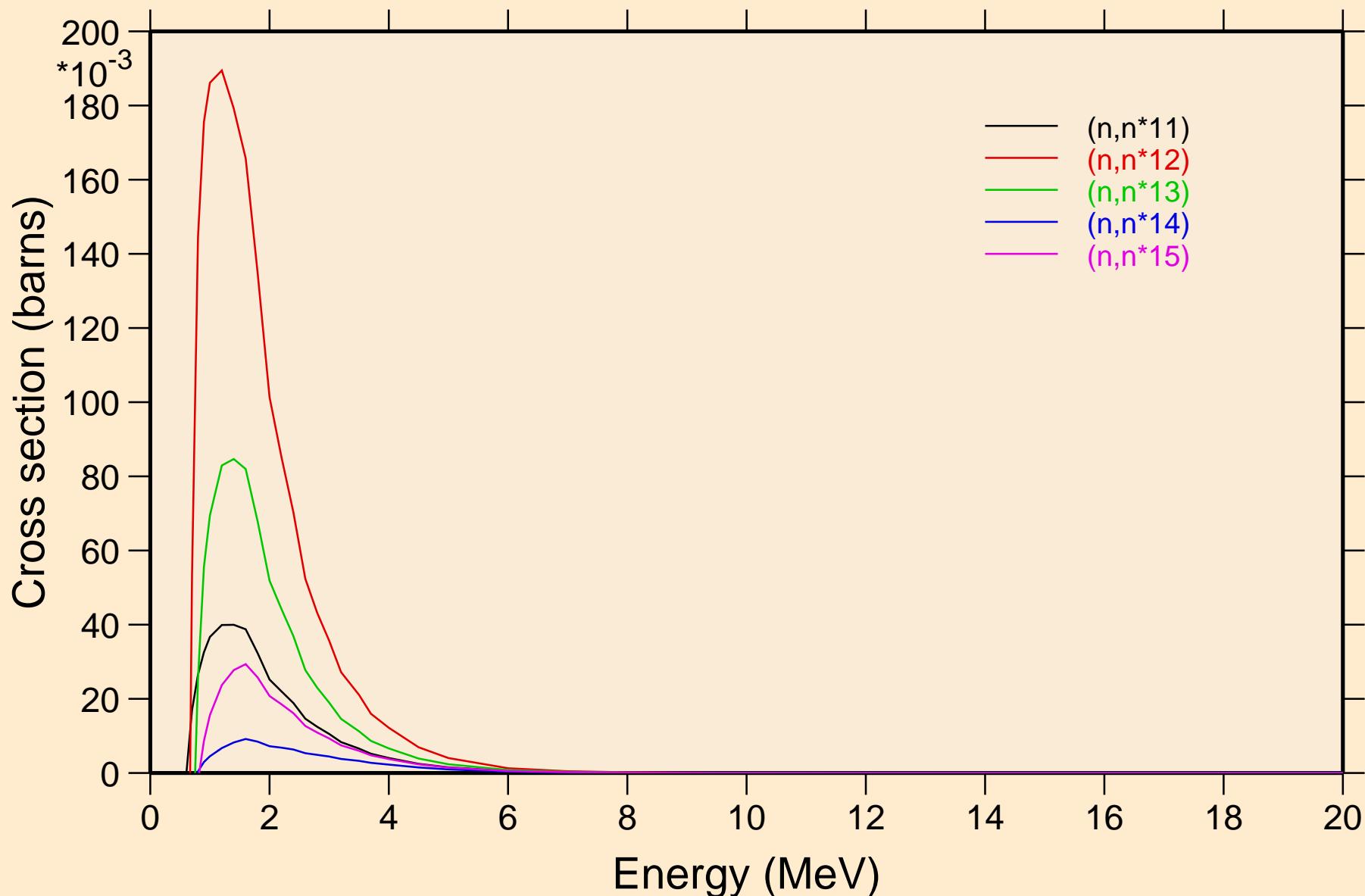
# JENDL-4 GE-73

## Inelastic levels



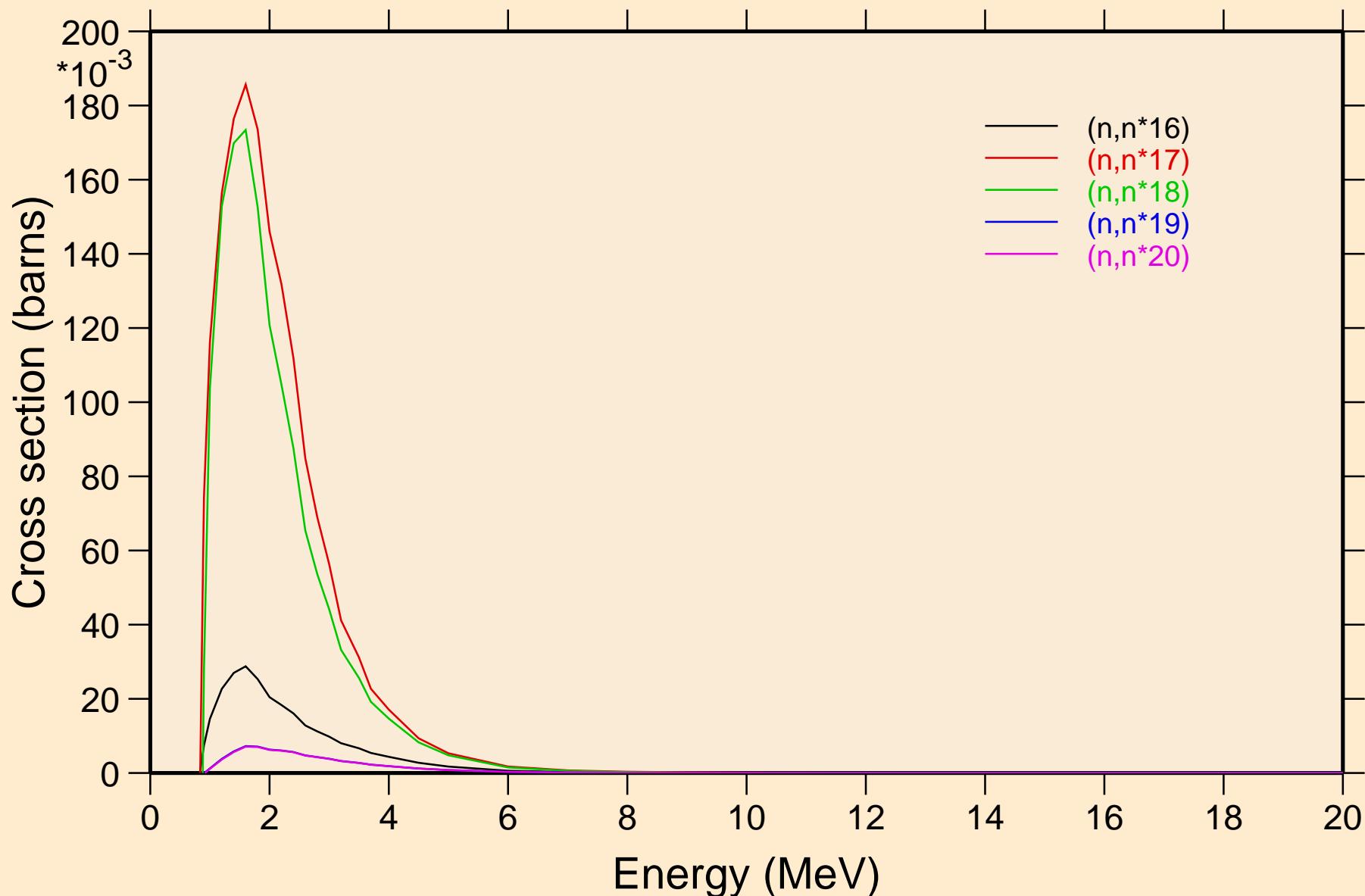
# JENDL-4 GE-73

## Inelastic levels



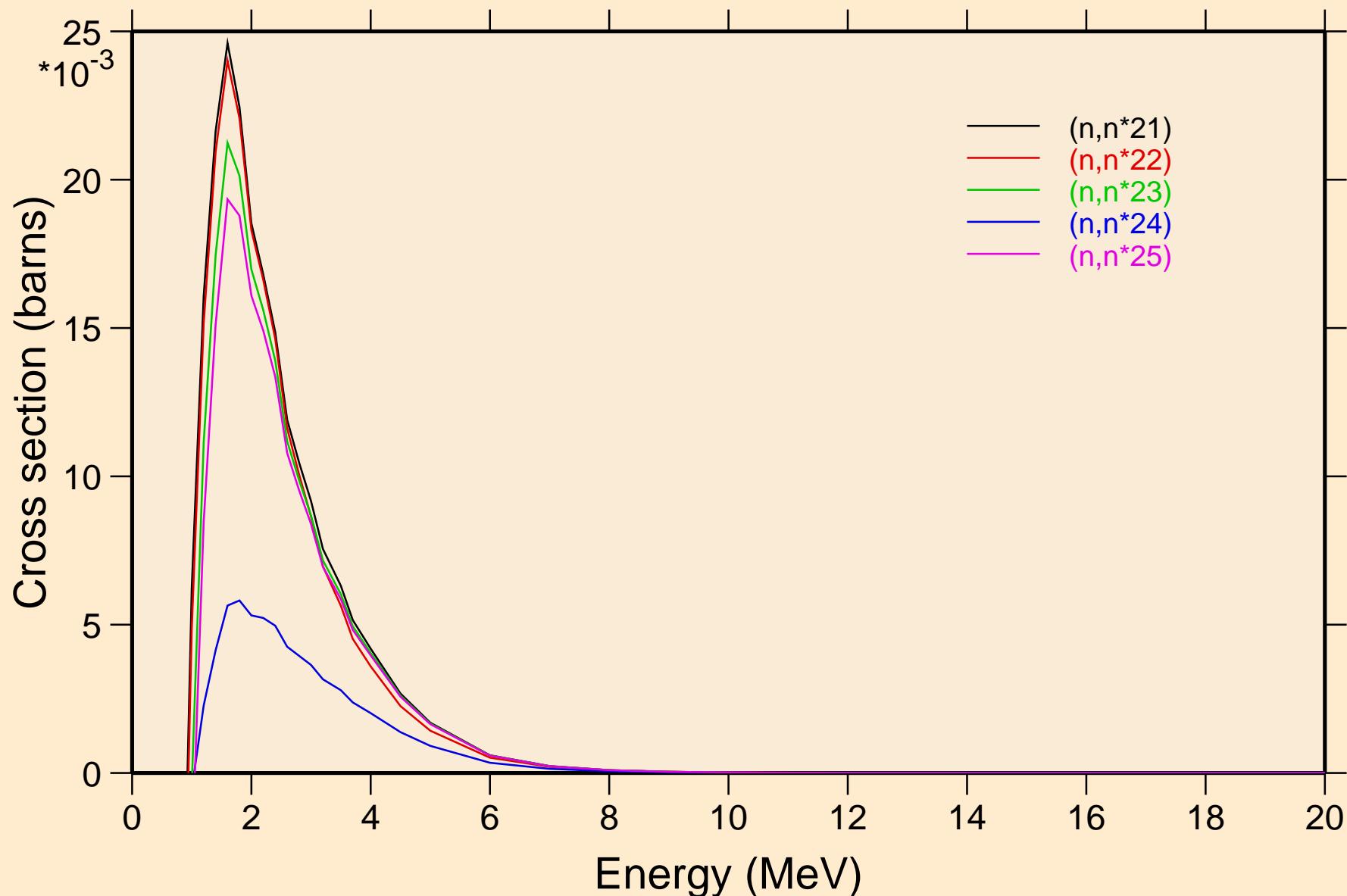
# JENDL-4 GE-73

## Inelastic levels



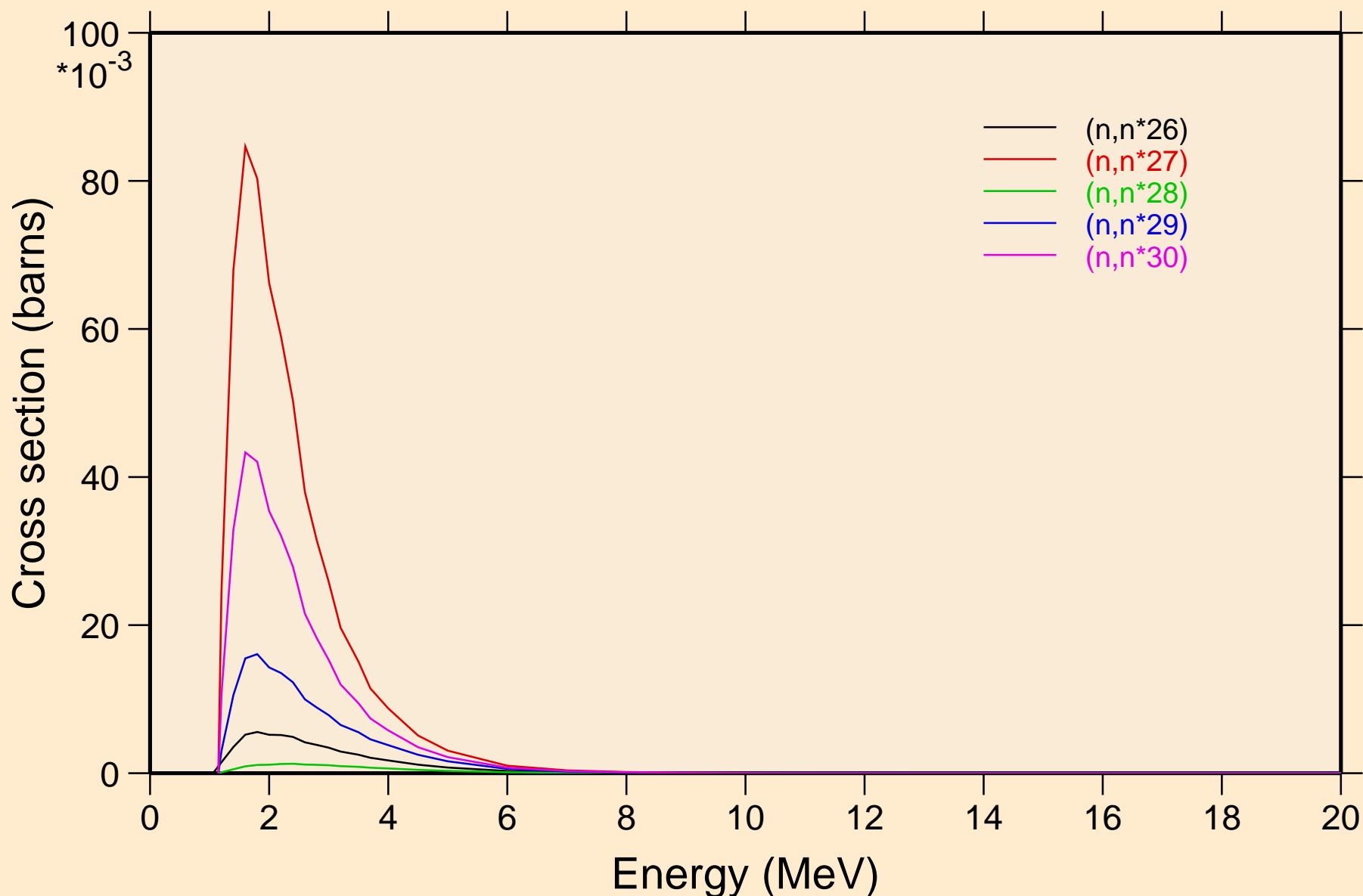
# JENDL-4 GE-73

## Inelastic levels



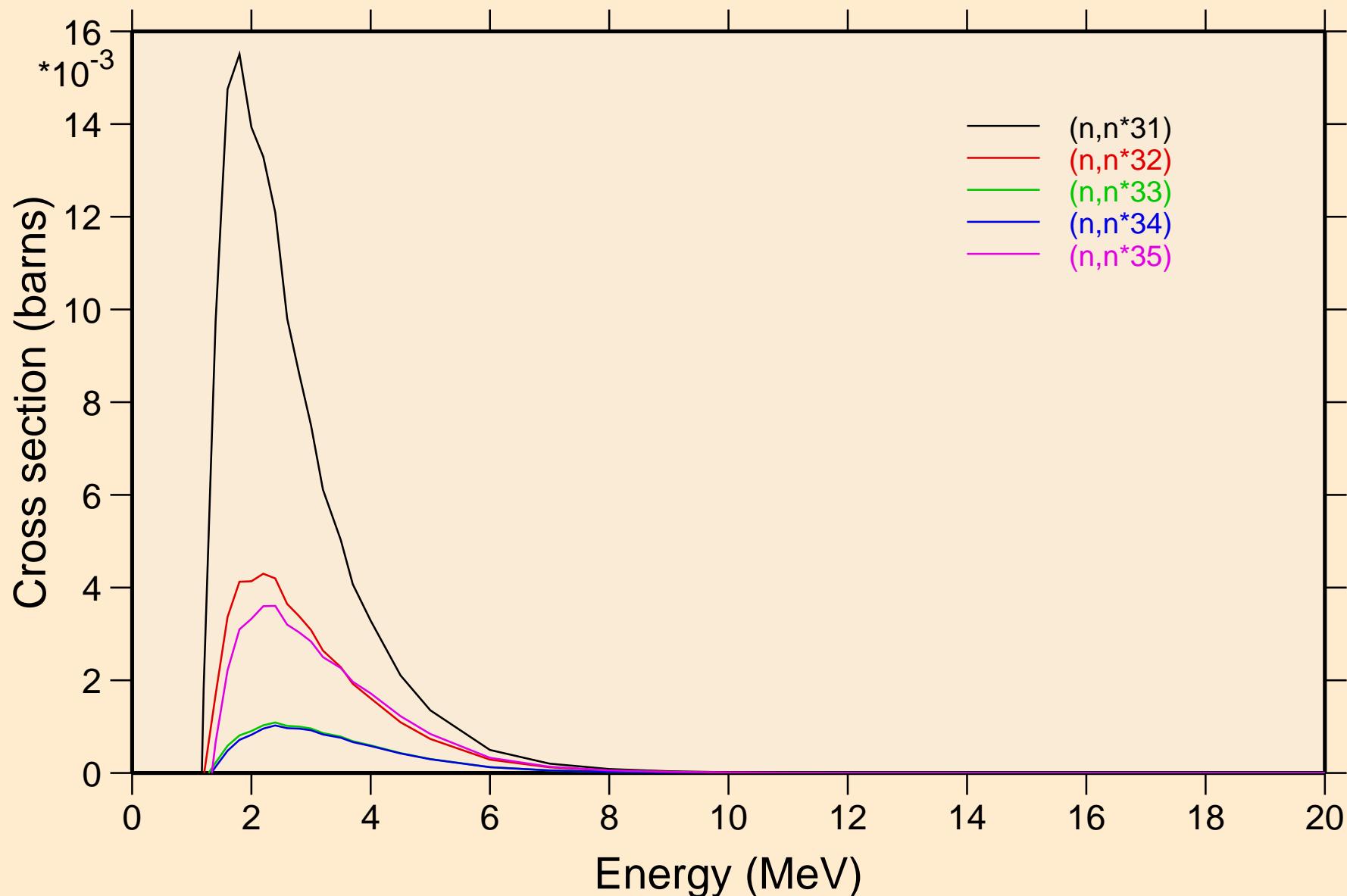
# JENDL-4 GE-73

## Inelastic levels

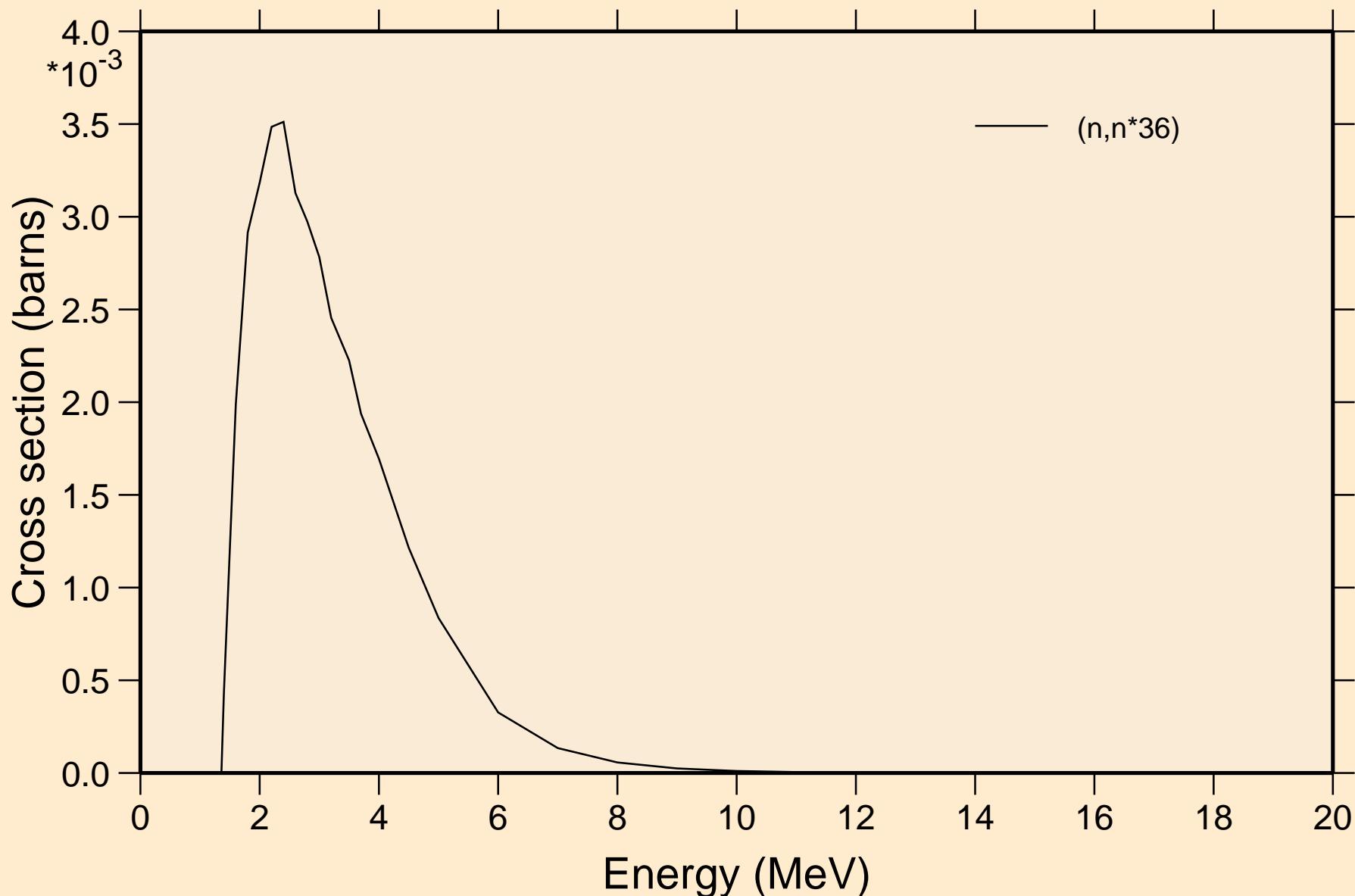


# JENDL-4 GE-73

## Inelastic levels

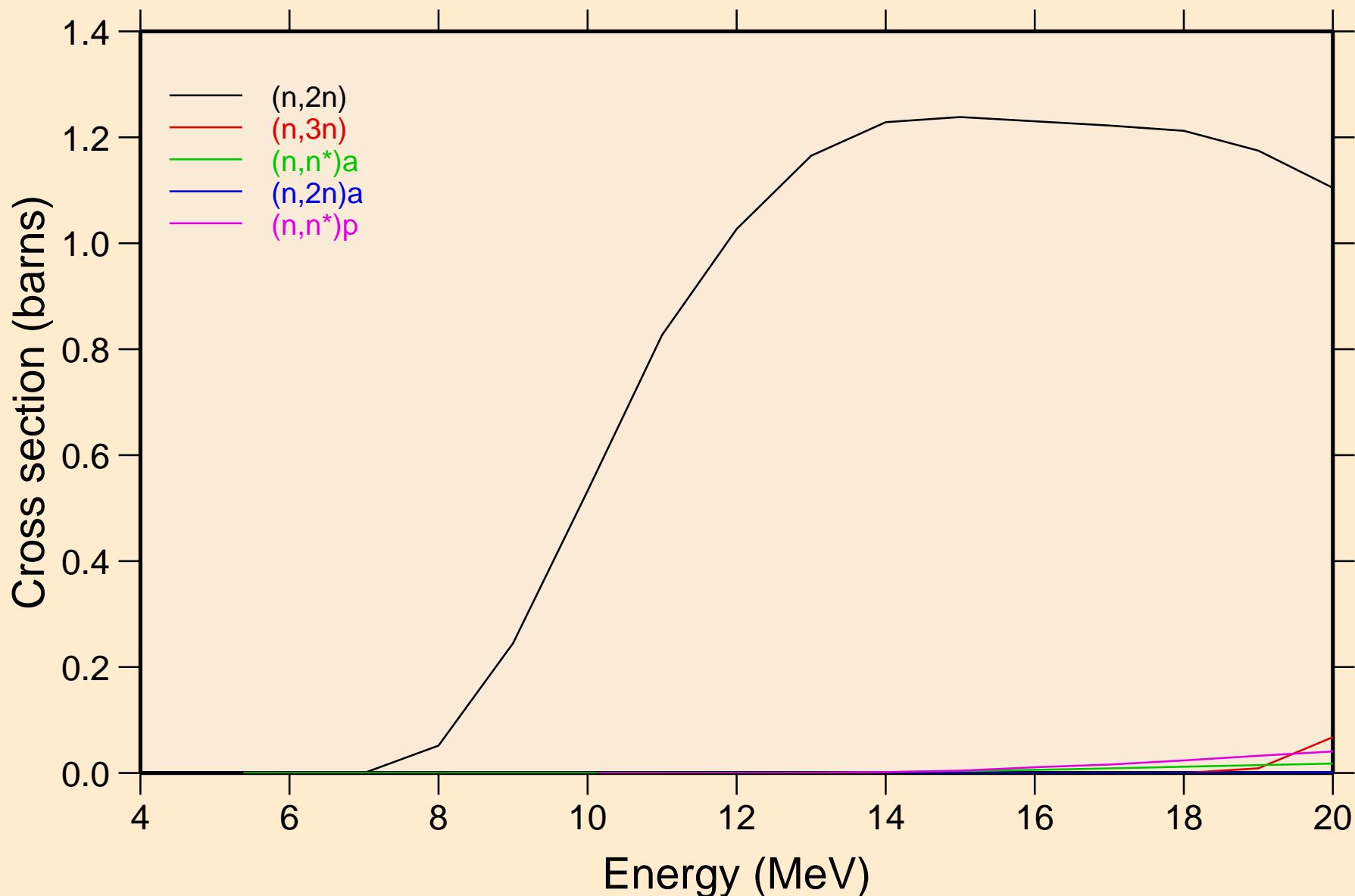


JENDL-4 GE-73  
Inelastic levels



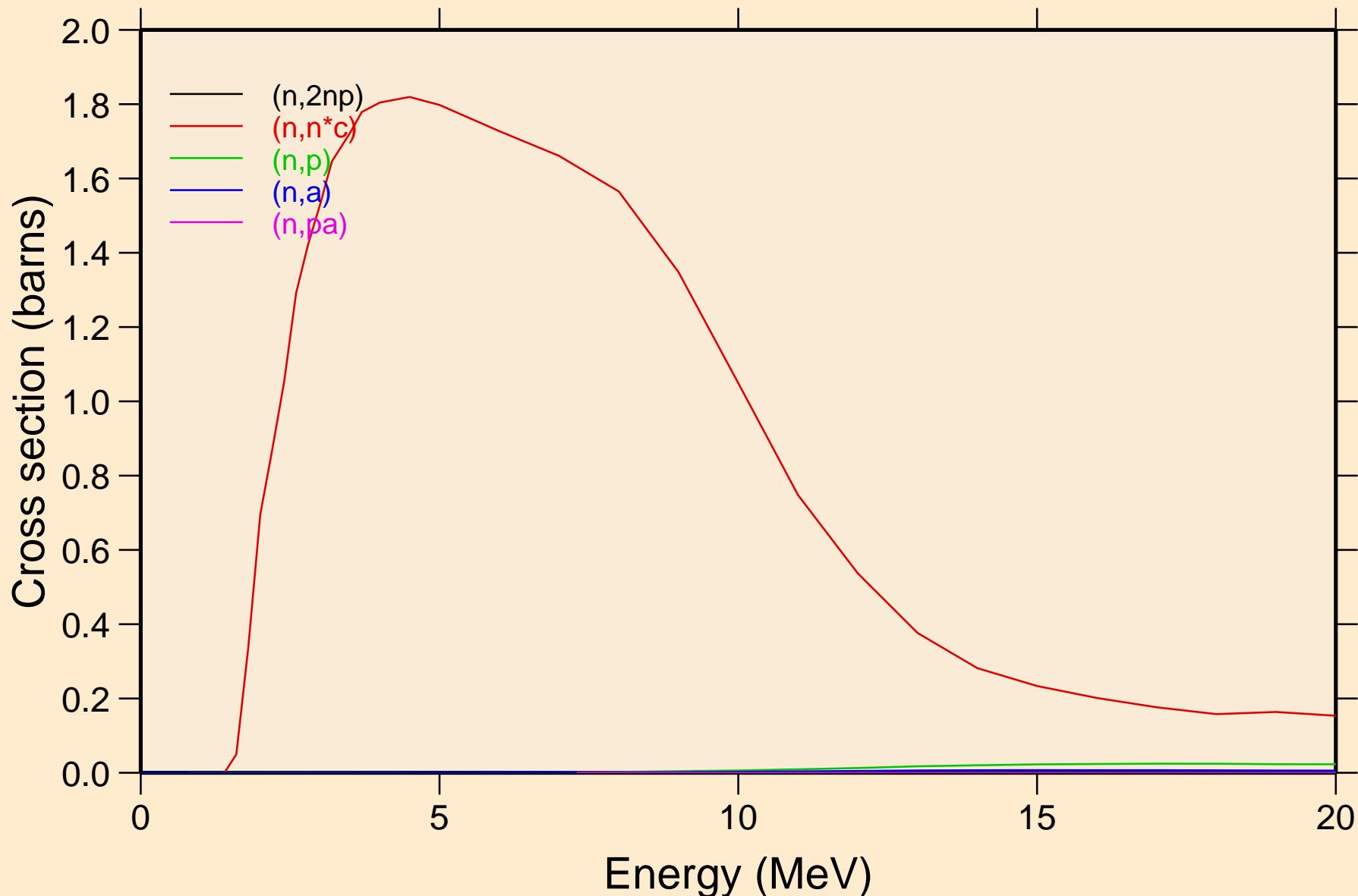
# JENDL-4 GE-73

## Threshold reactions



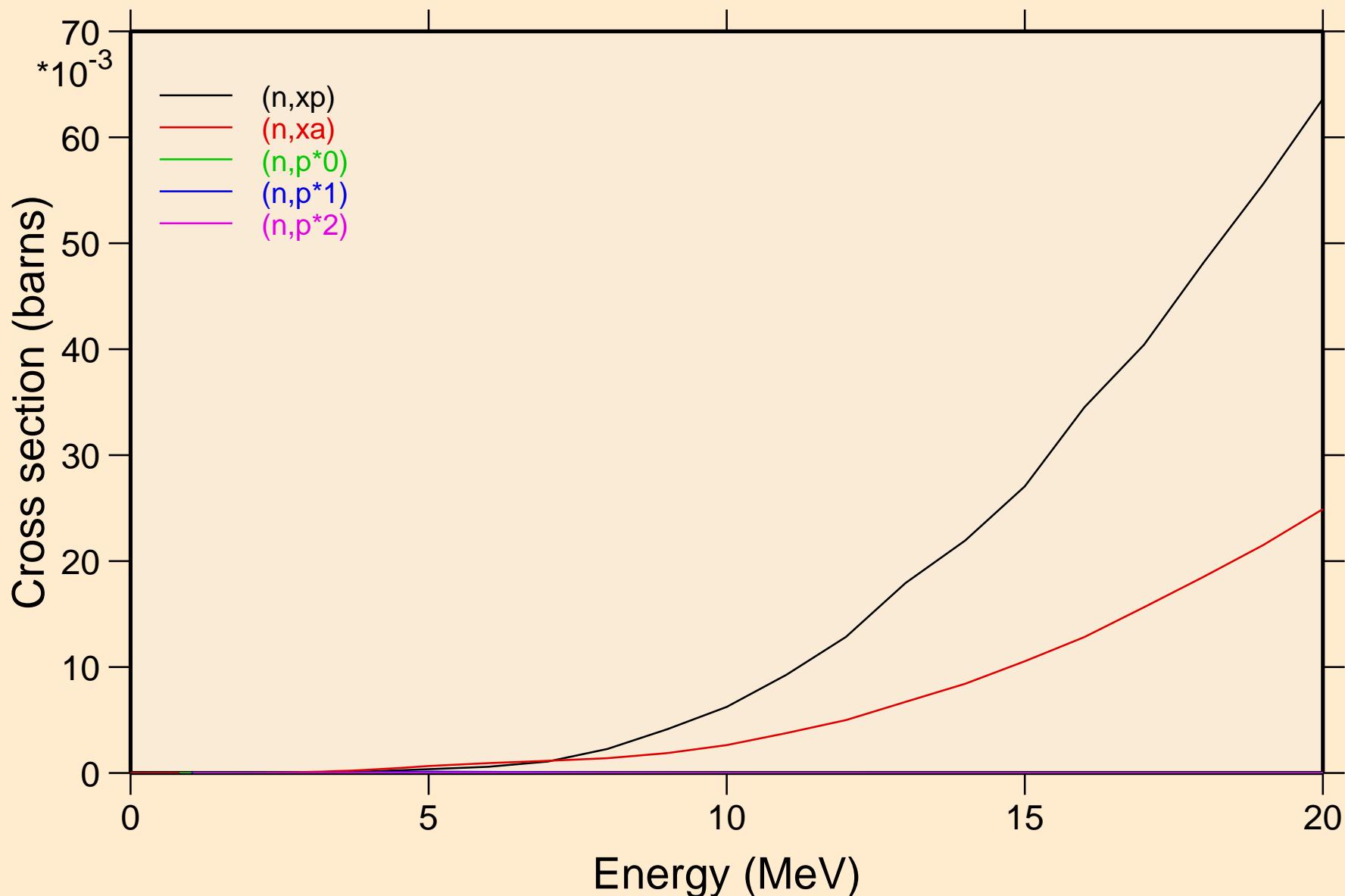
# JENDL-4 GE-73

## Threshold reactions



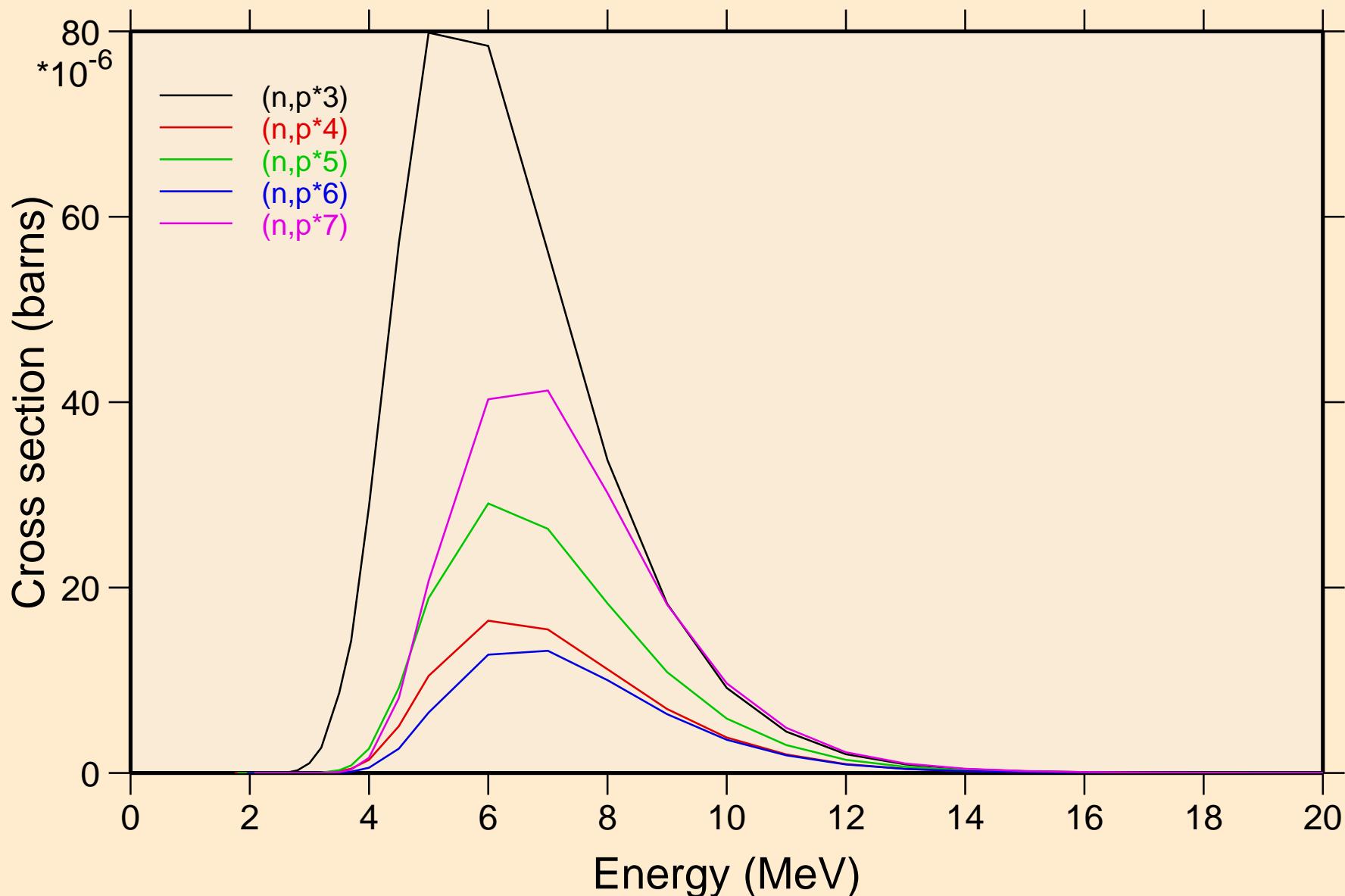
# JENDL-4 GE-73

## Threshold reactions



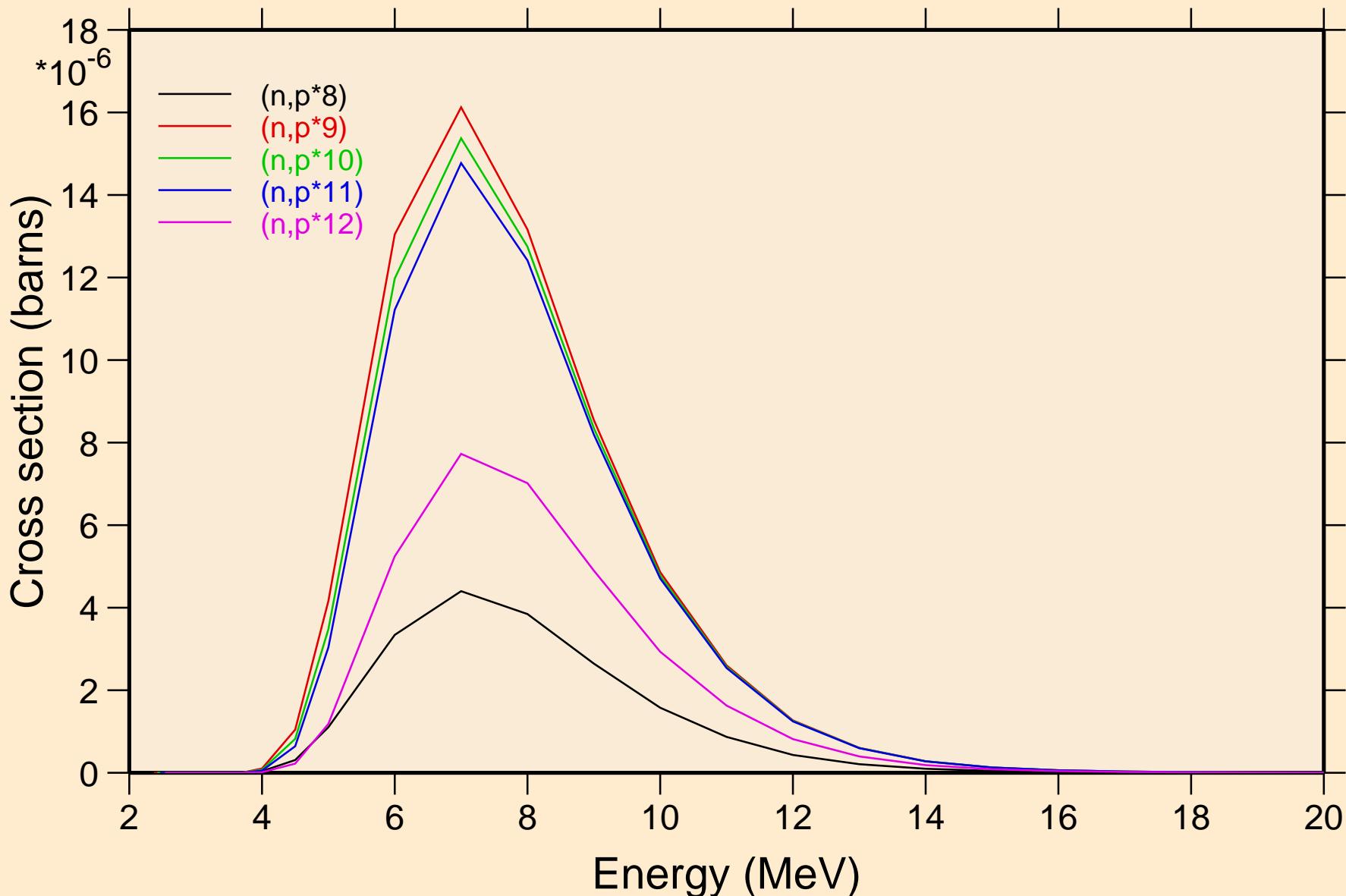
# JENDL-4 GE-73

## Threshold reactions



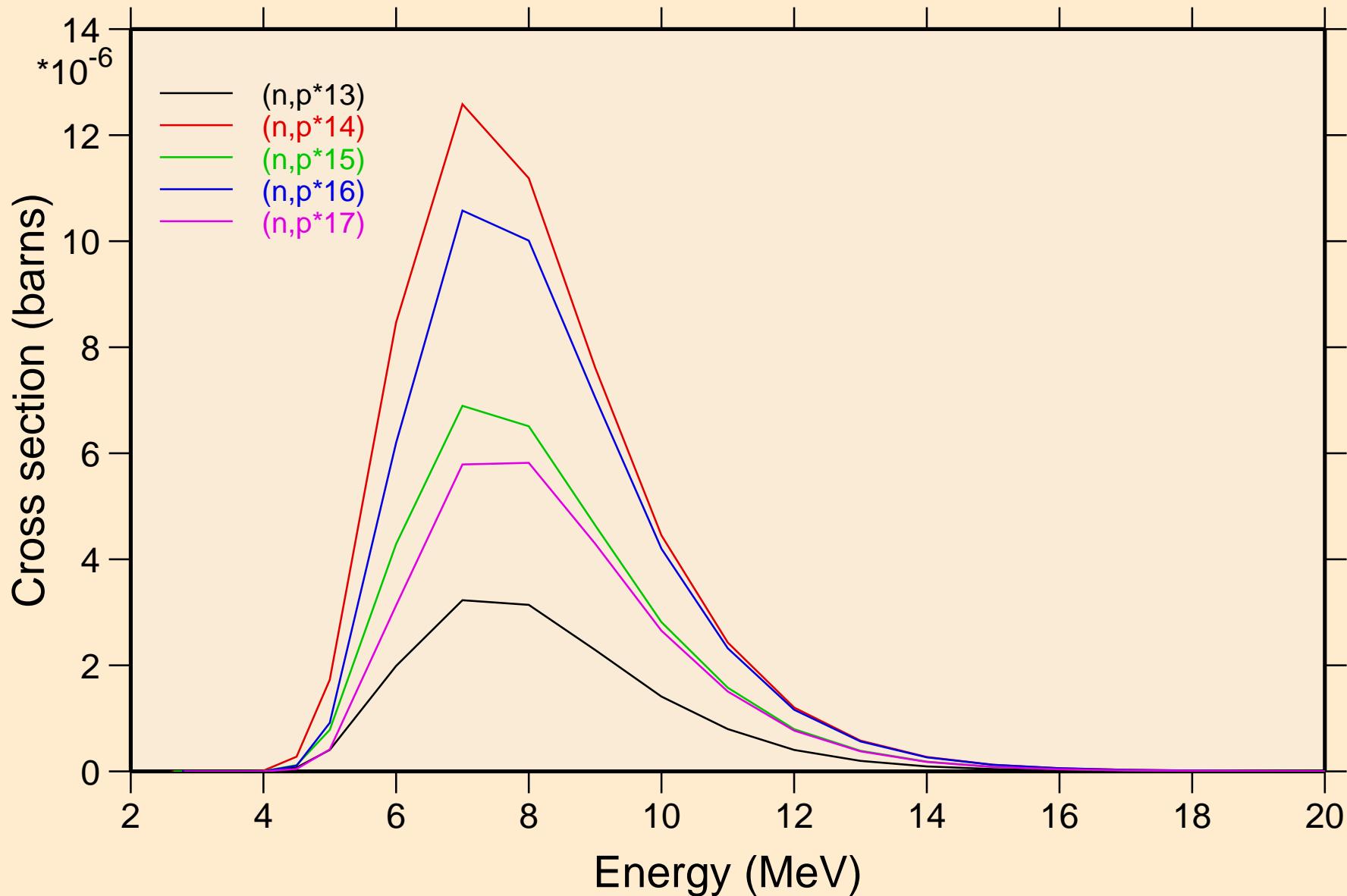
# JENDL-4 GE-73

## Threshold reactions



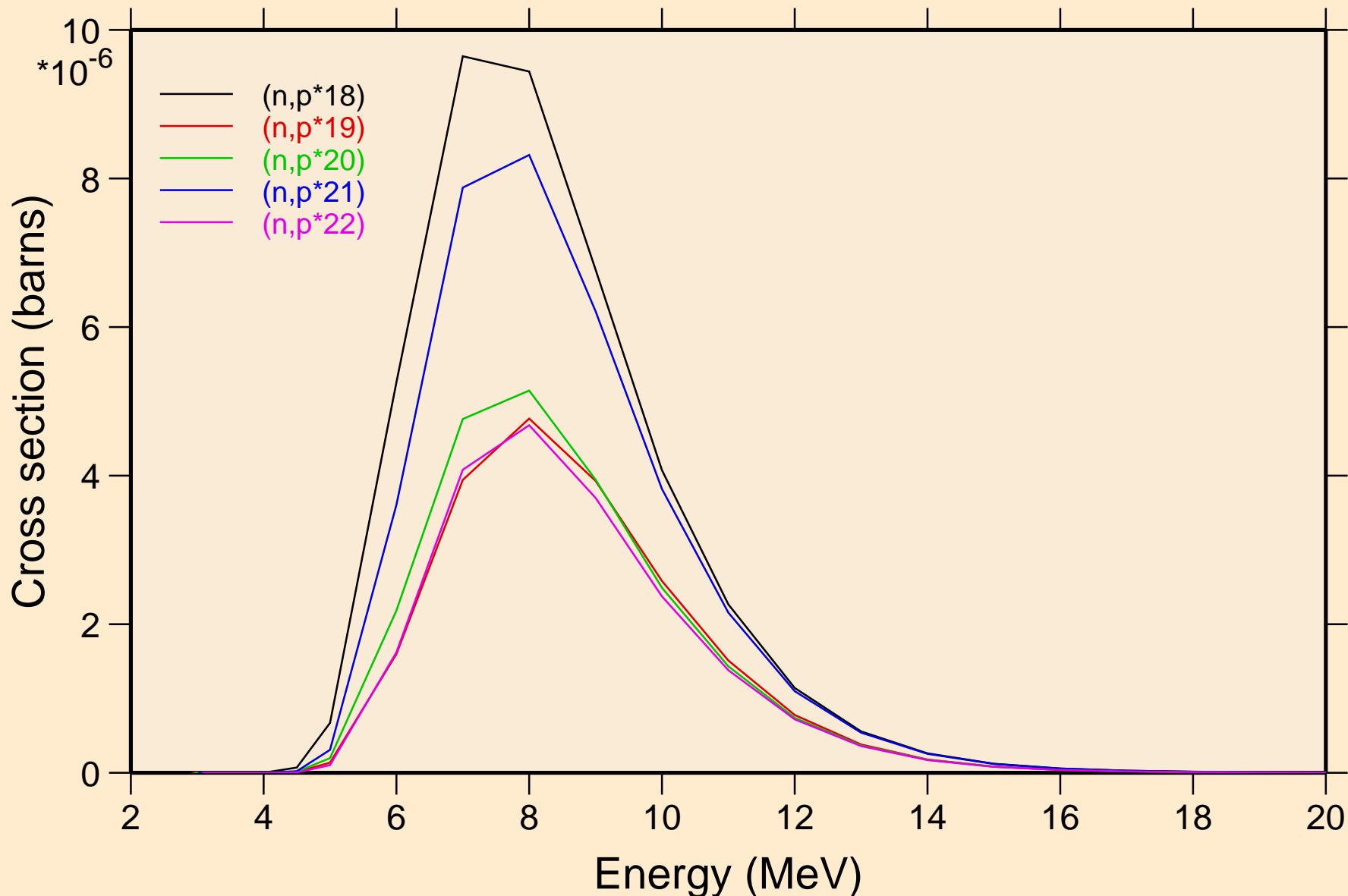
# JENDL-4 GE-73

## Threshold reactions



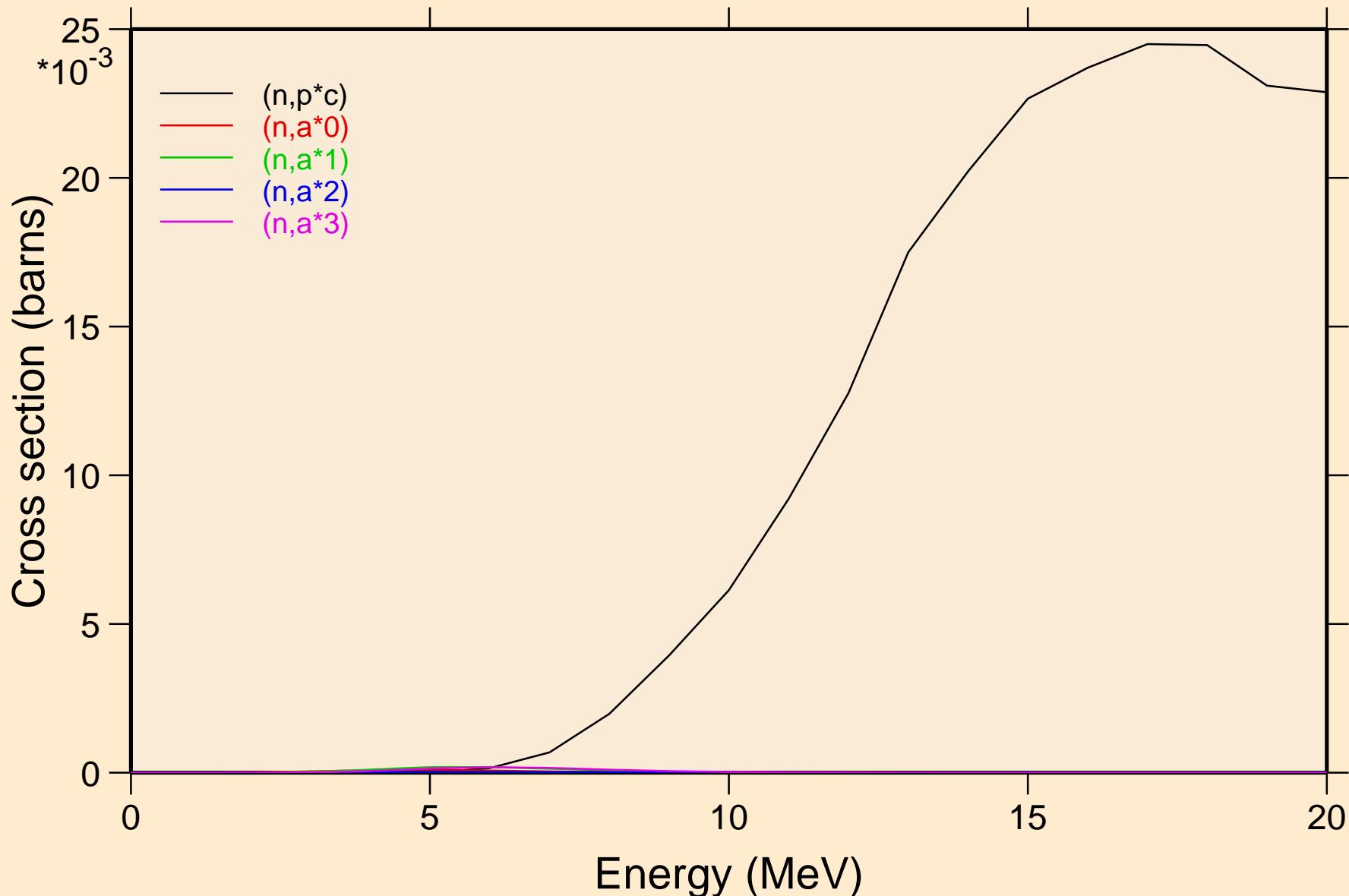
# JENDL-4 GE-73

## Threshold reactions



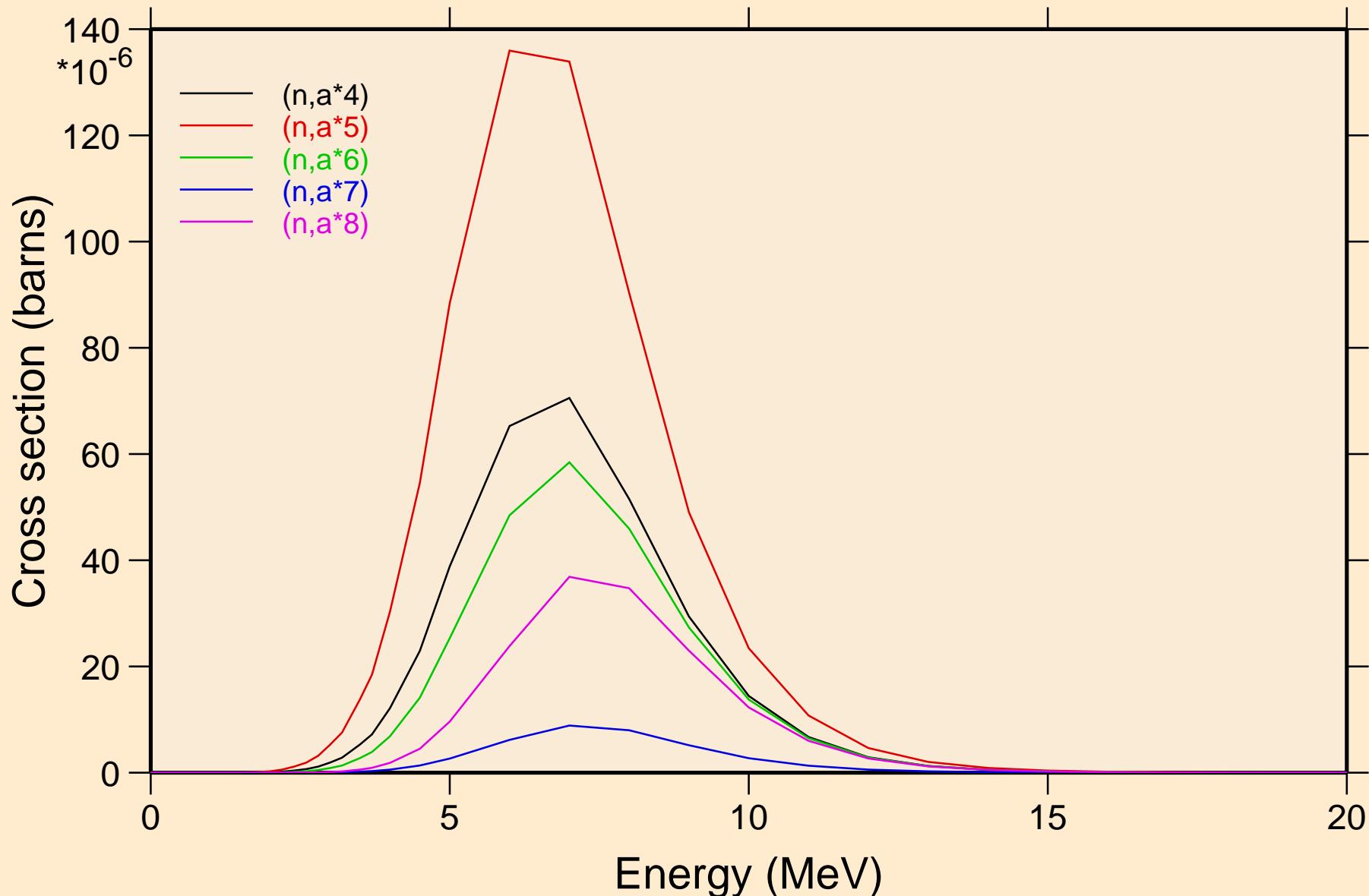
# JENDL-4 GE-73

## Threshold reactions



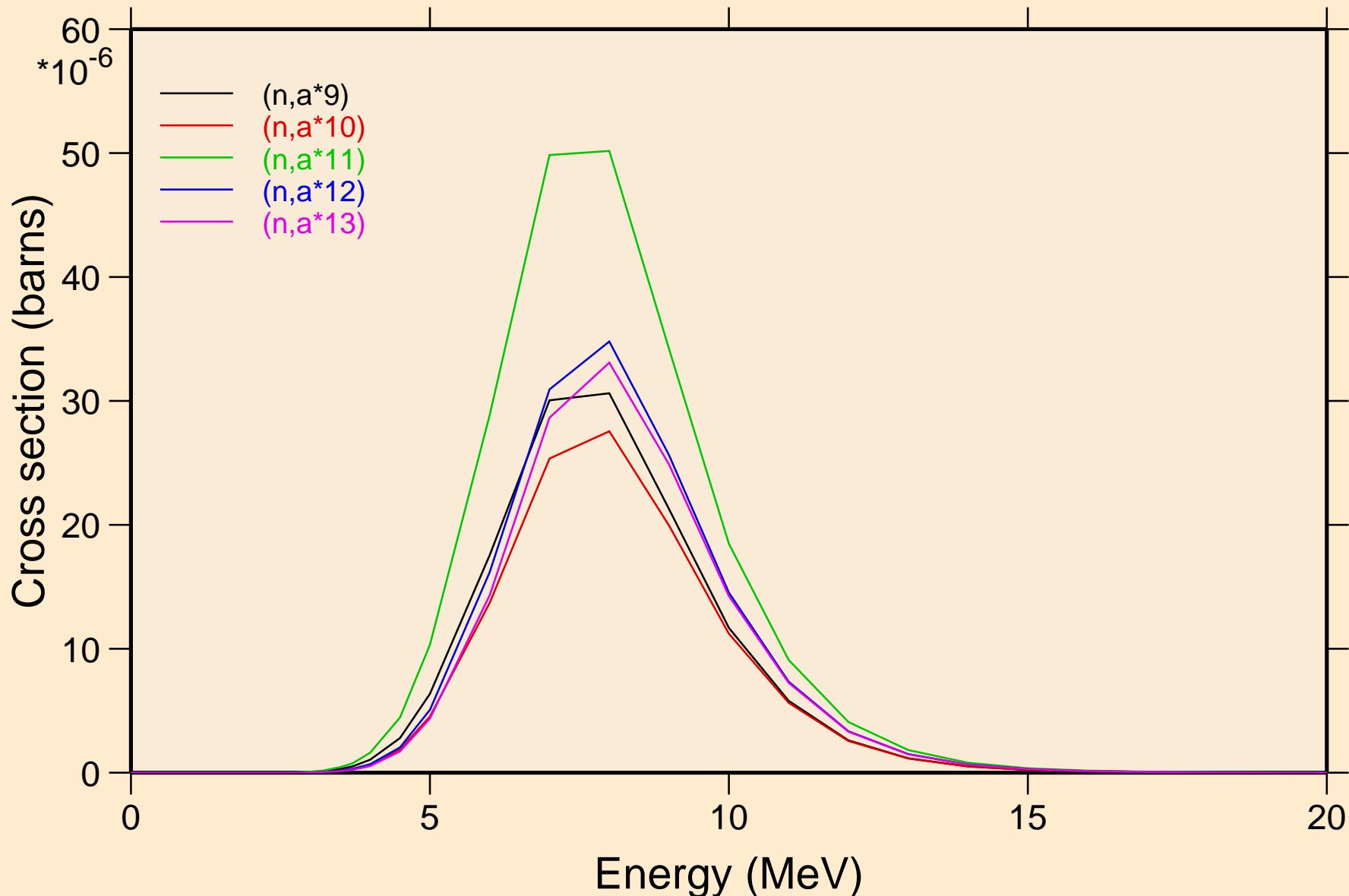
# JENDL-4 GE-73

## Threshold reactions



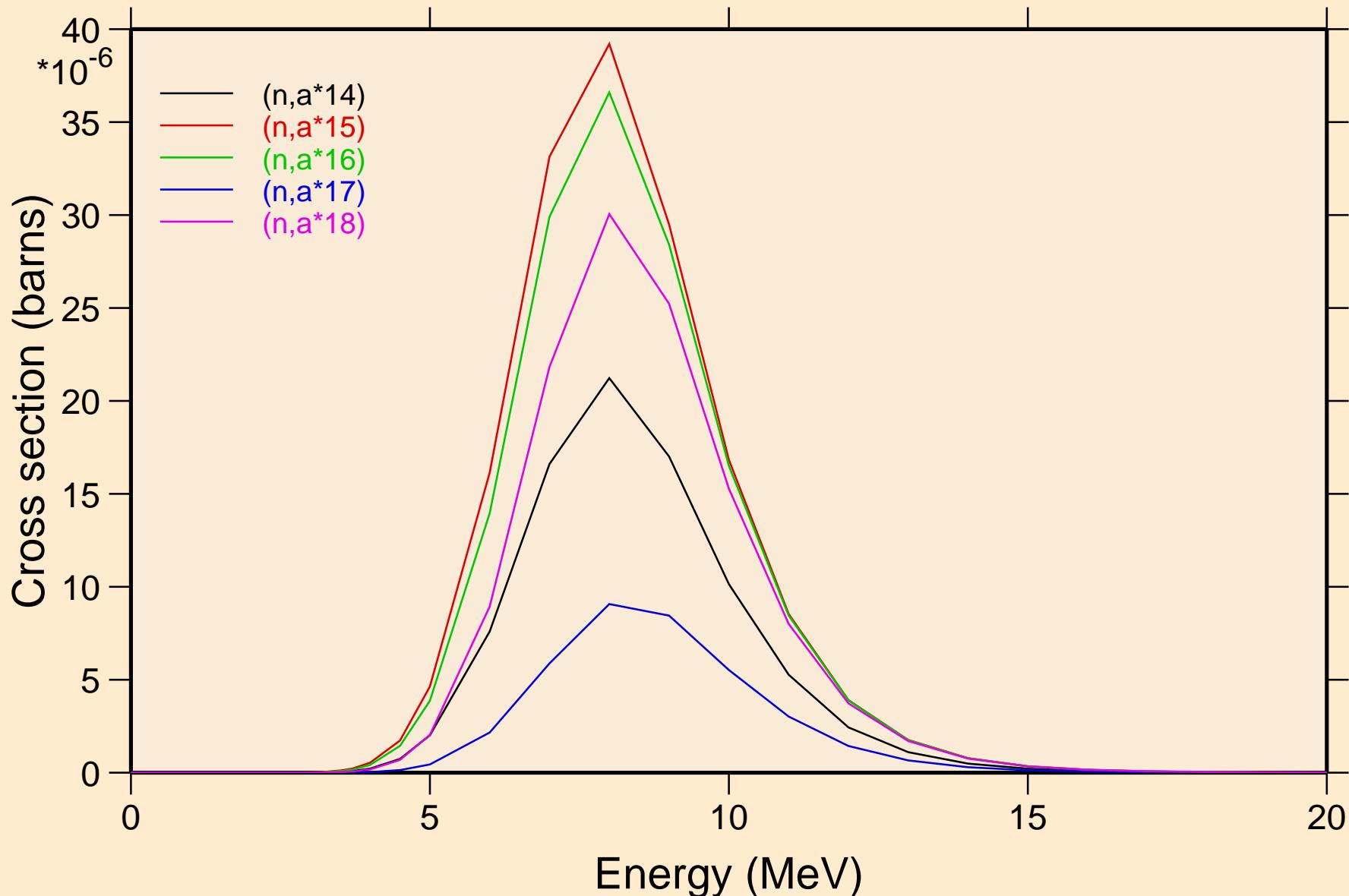
# JENDL-4 GE-73

## Threshold reactions



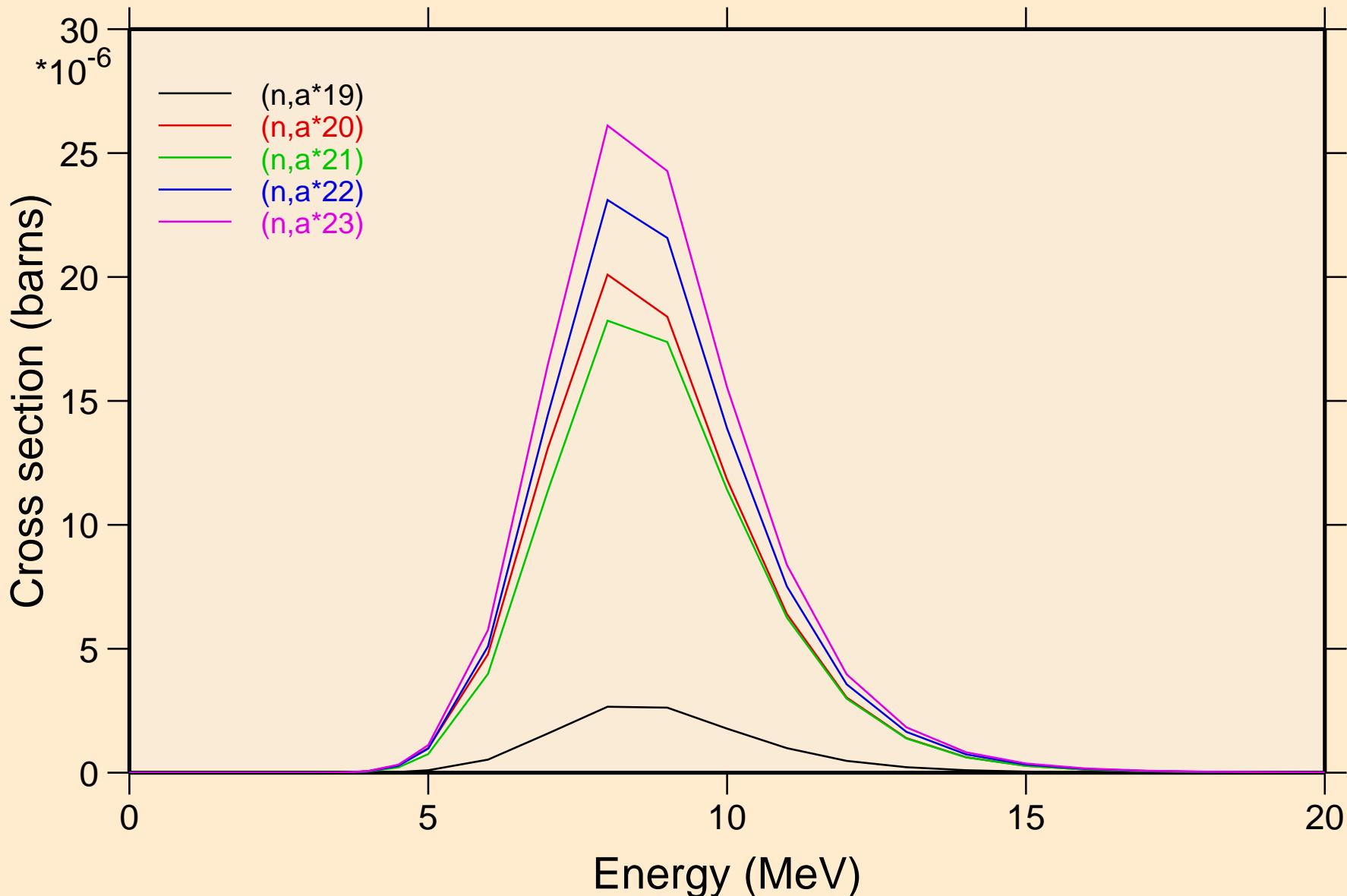
# JENDL-4 GE-73

## Threshold reactions



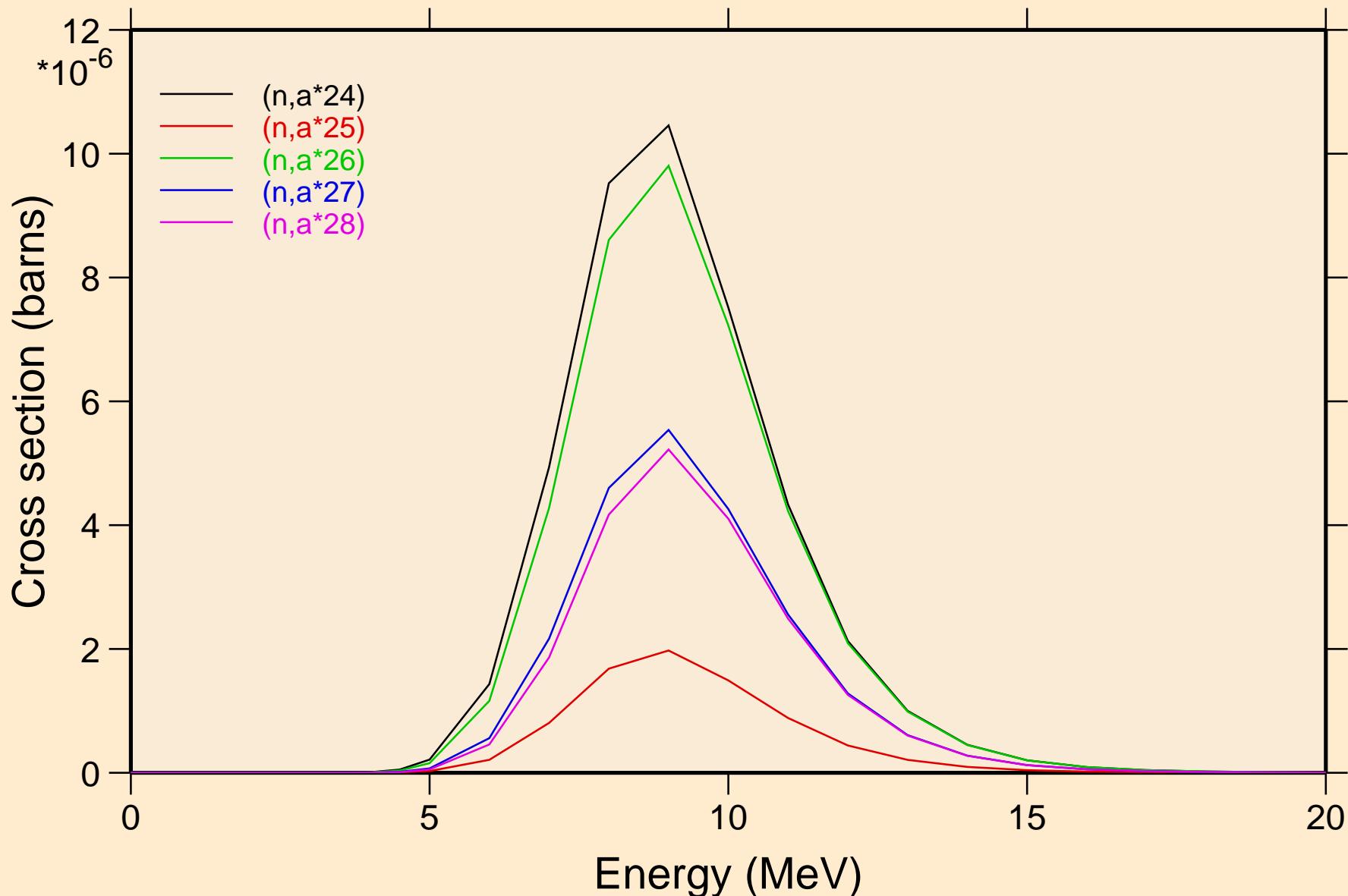
# JENDL-4 GE-73

## Threshold reactions



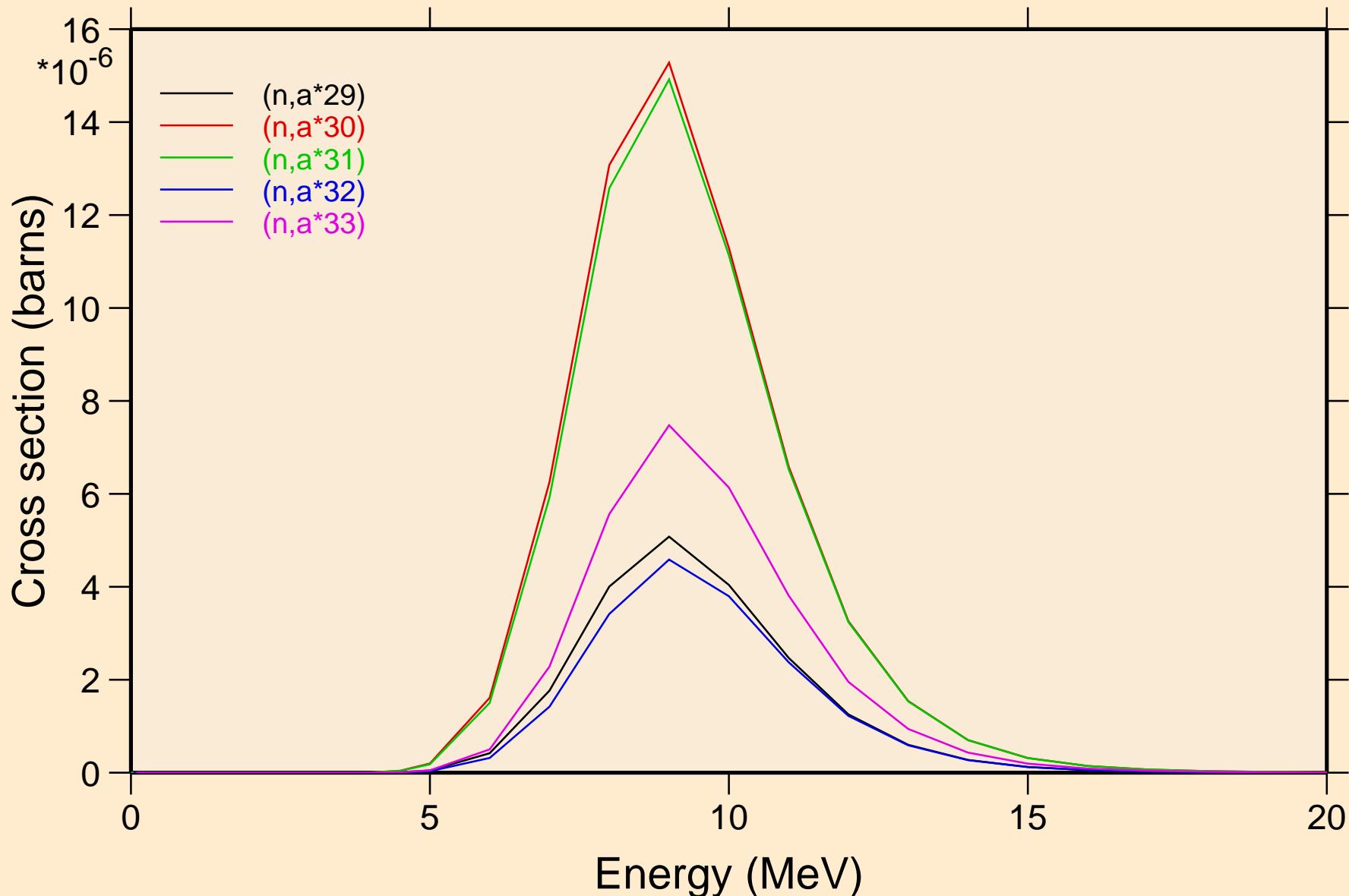
# JENDL-4 GE-73

## Threshold reactions



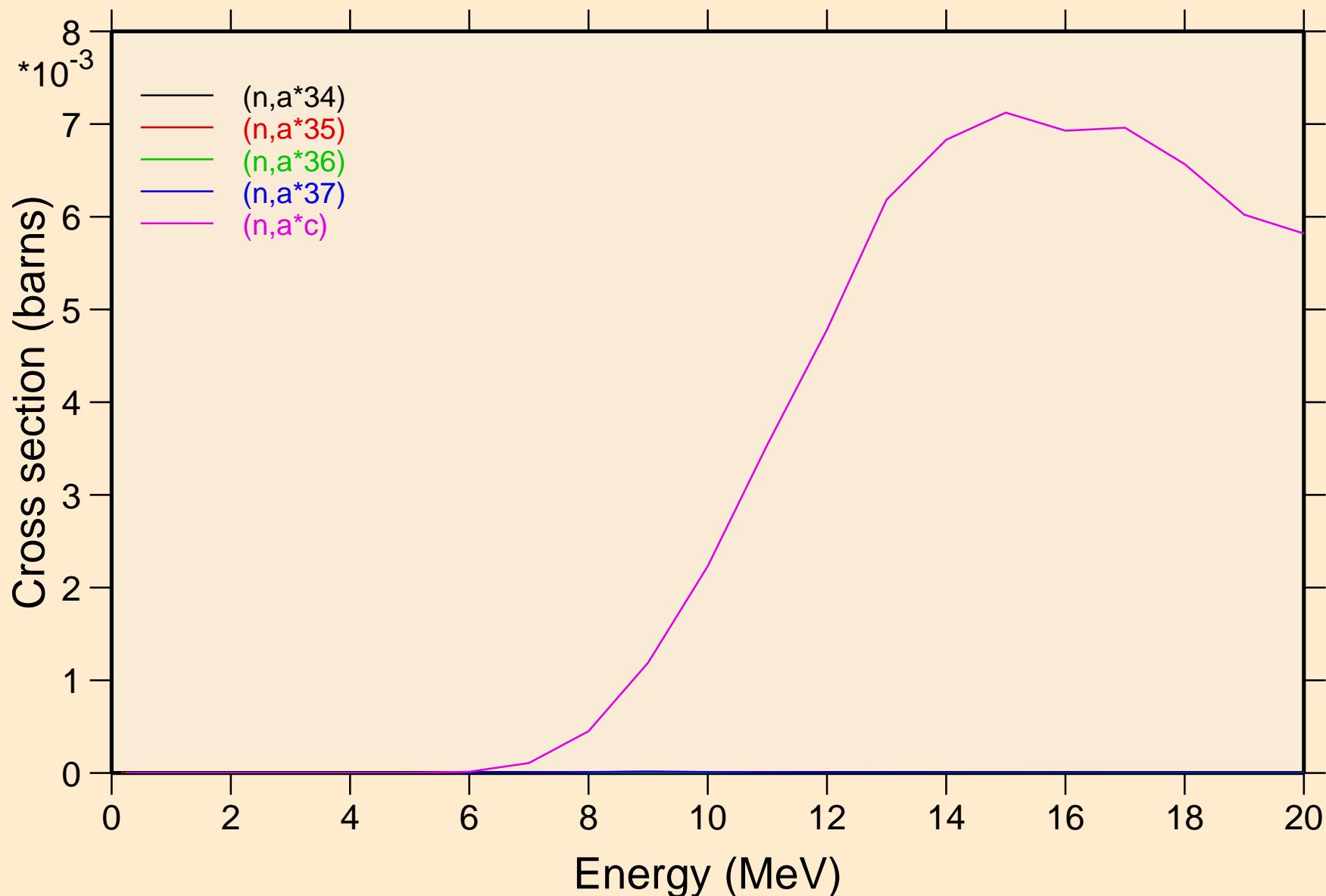
# JENDL-4 GE-73

## Threshold reactions

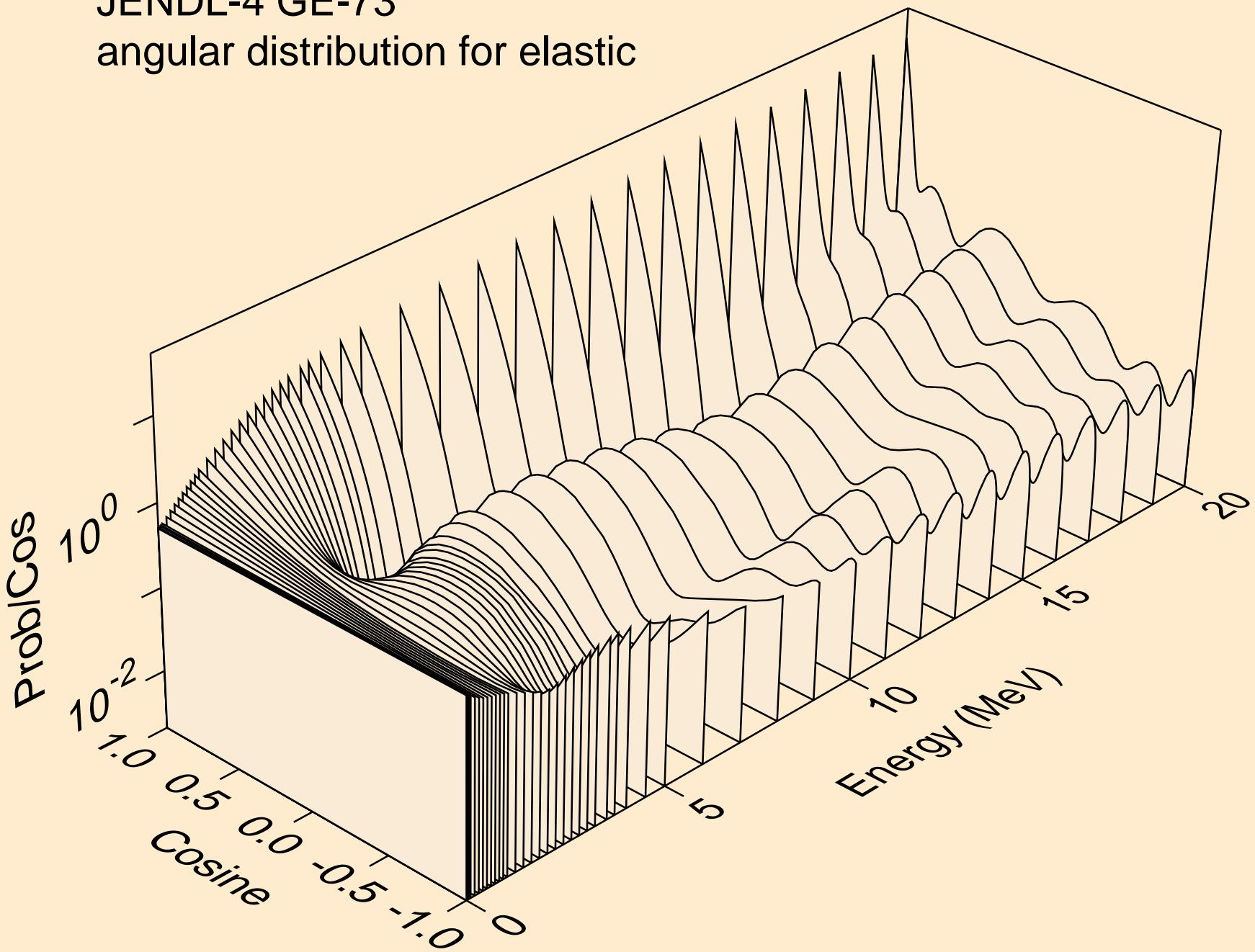


# JENDL-4 GE-73

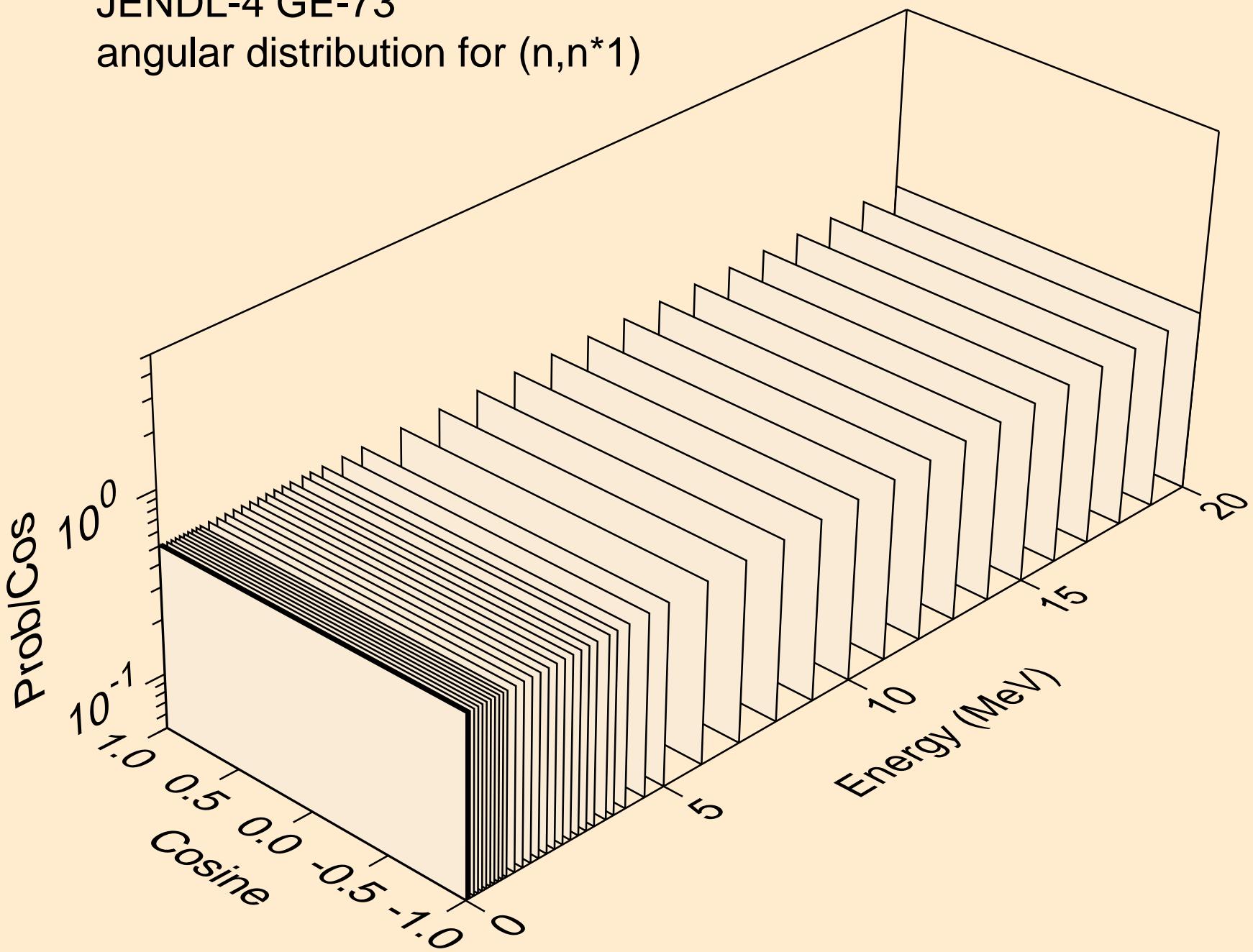
## Threshold reactions



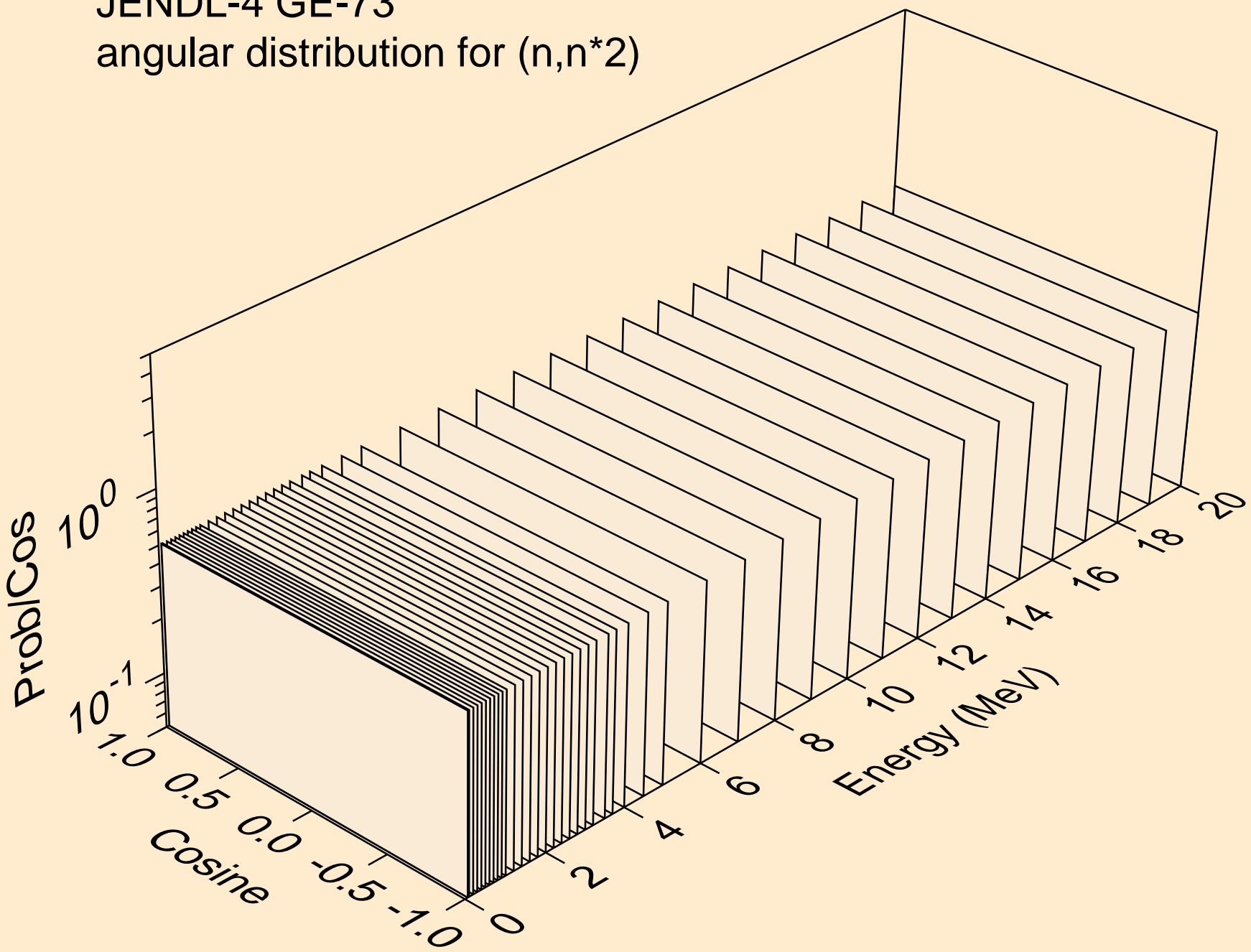
JENDL-4 GE-73  
angular distribution for elastic



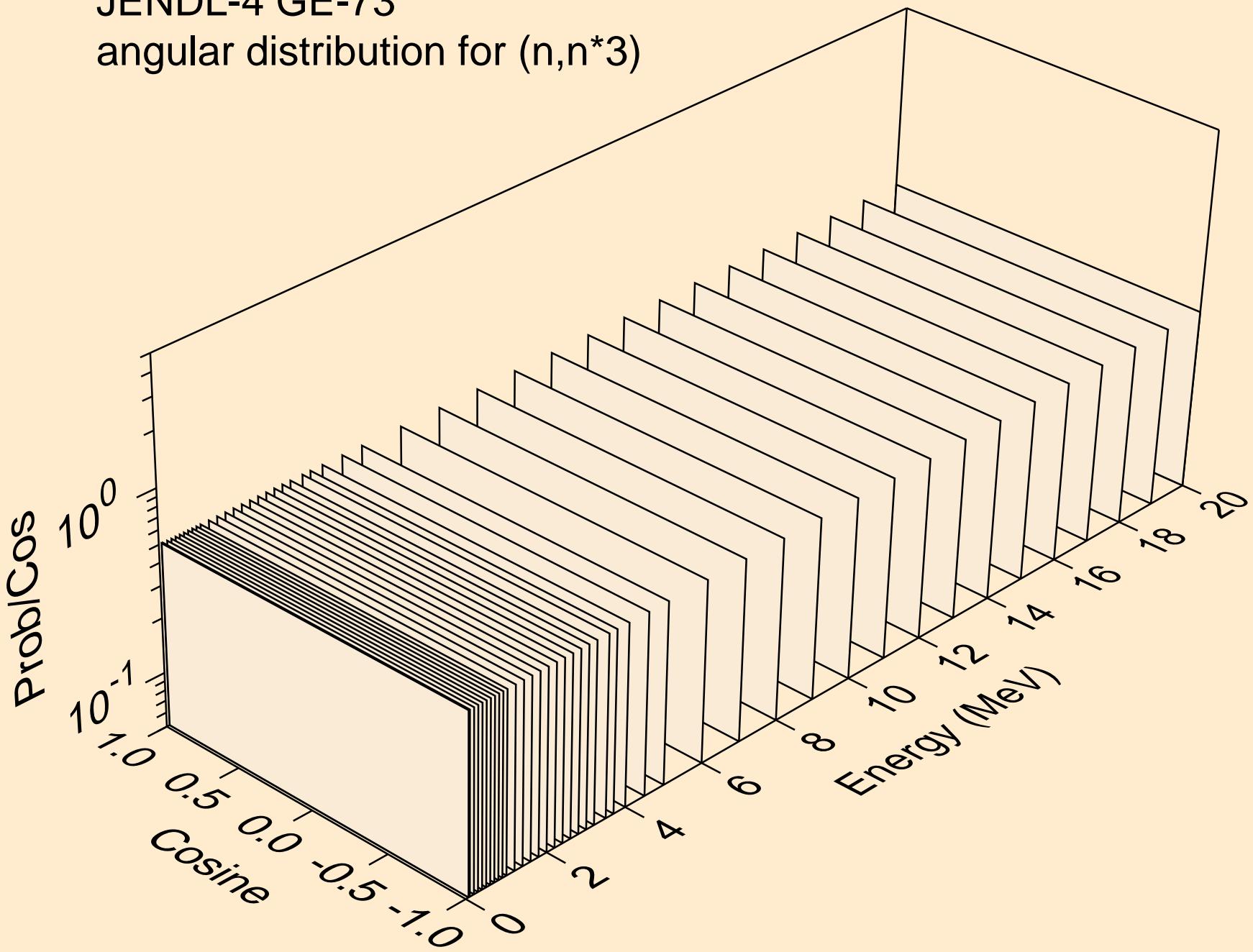
JENDL-4 GE-73  
angular distribution for (n,n\*1)



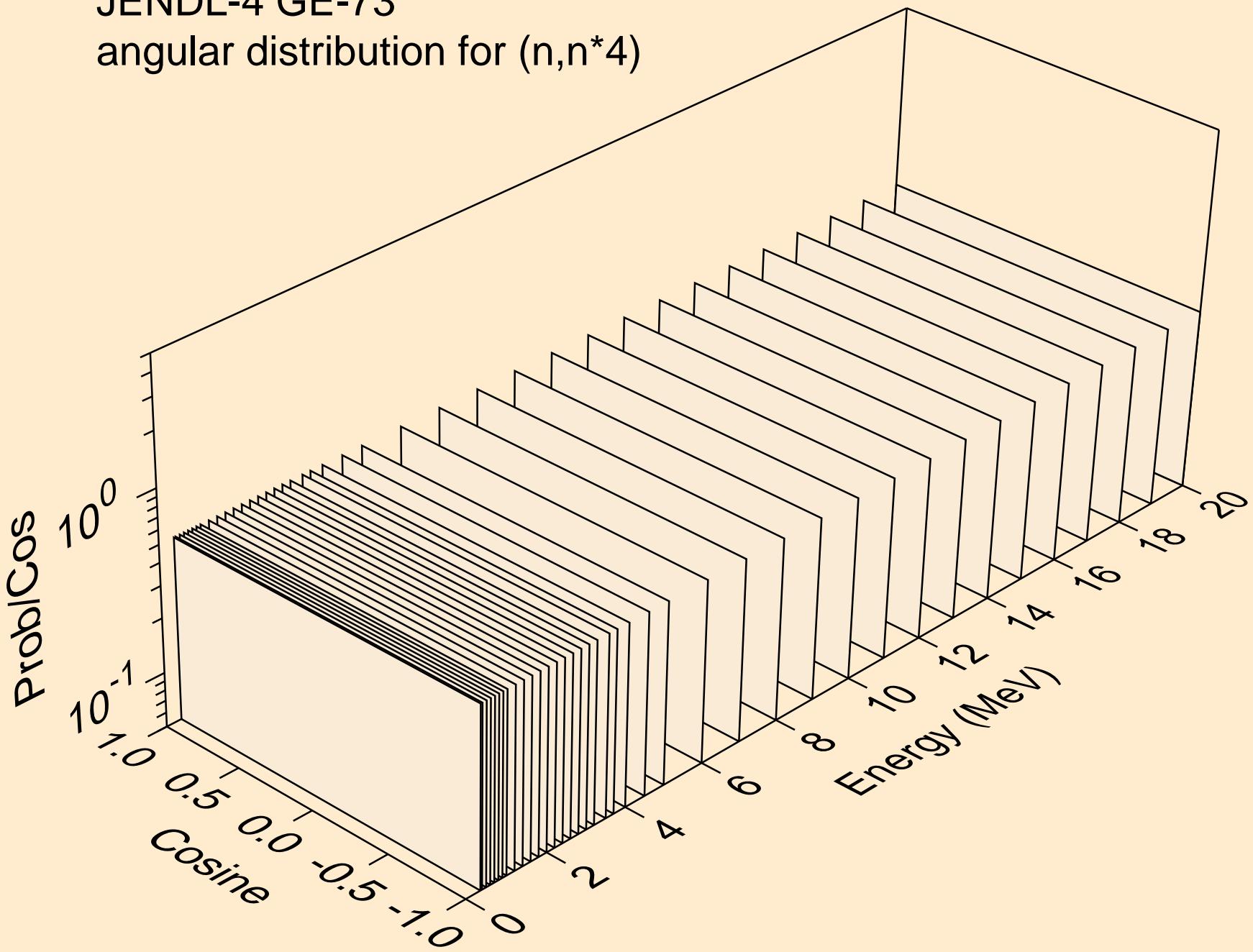
JENDL-4 GE-73  
angular distribution for  $(n,n^*)$



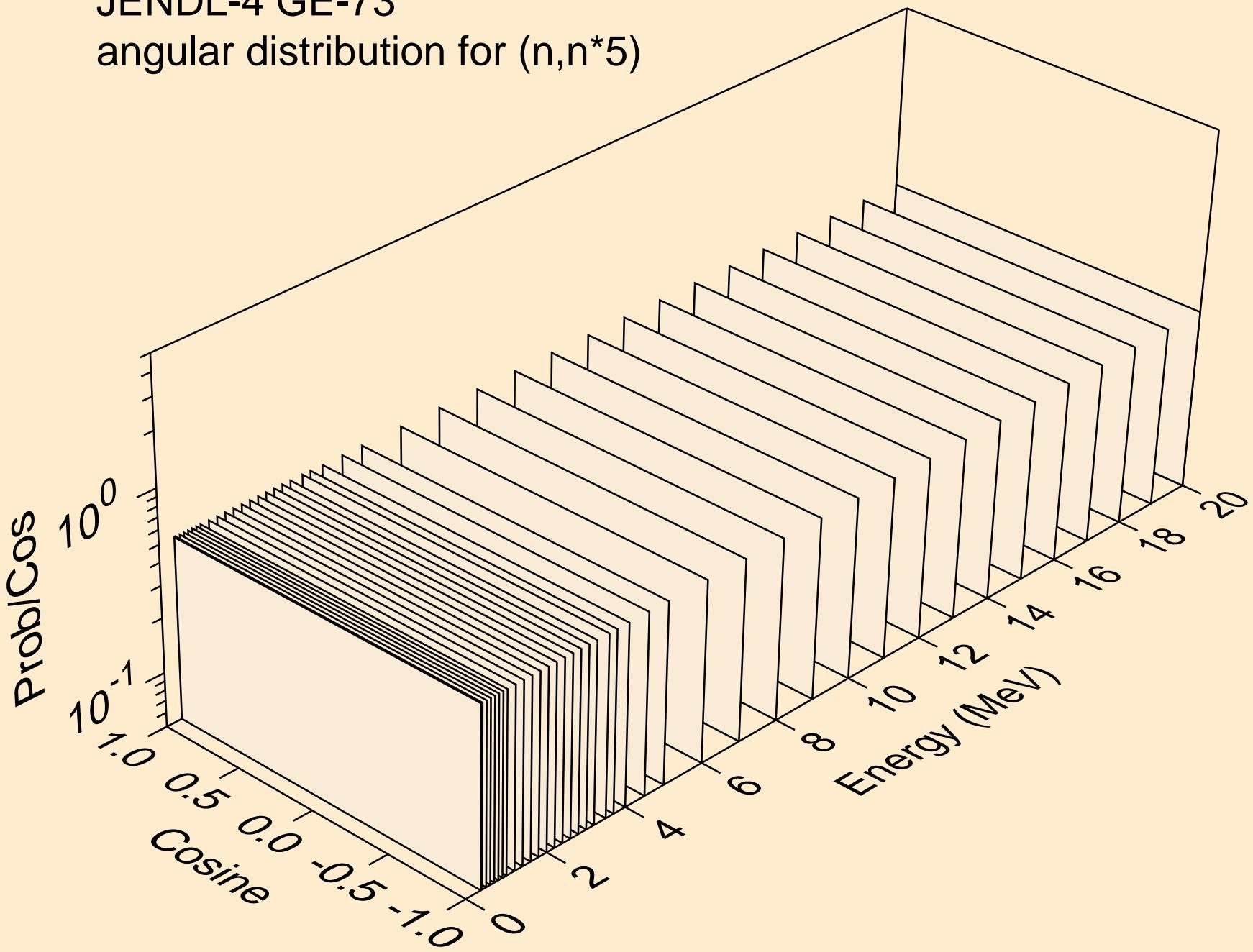
JENDL-4 GE-73  
angular distribution for (n,n\*3)



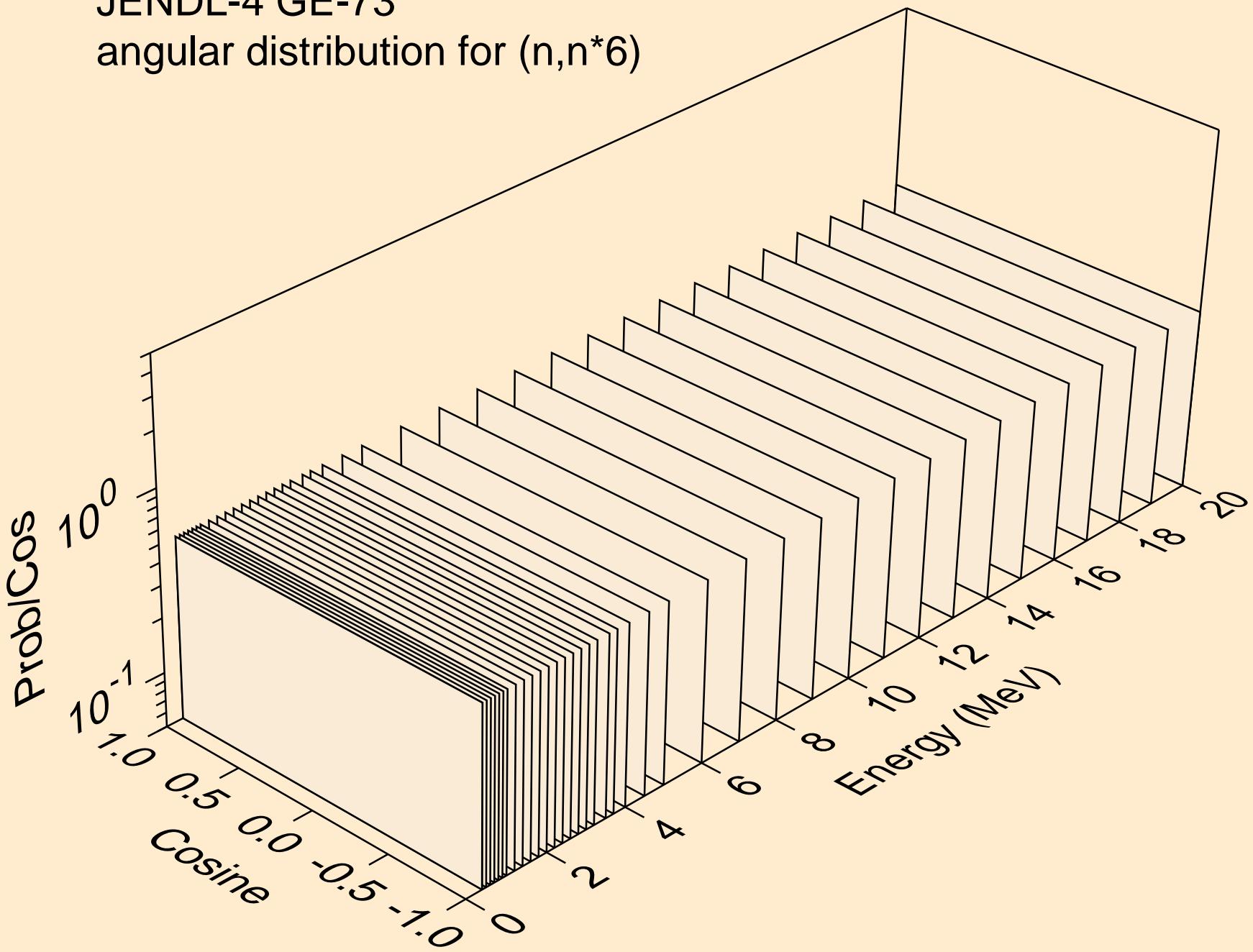
JENDL-4 GE-73  
angular distribution for  $(n,n^*4)$



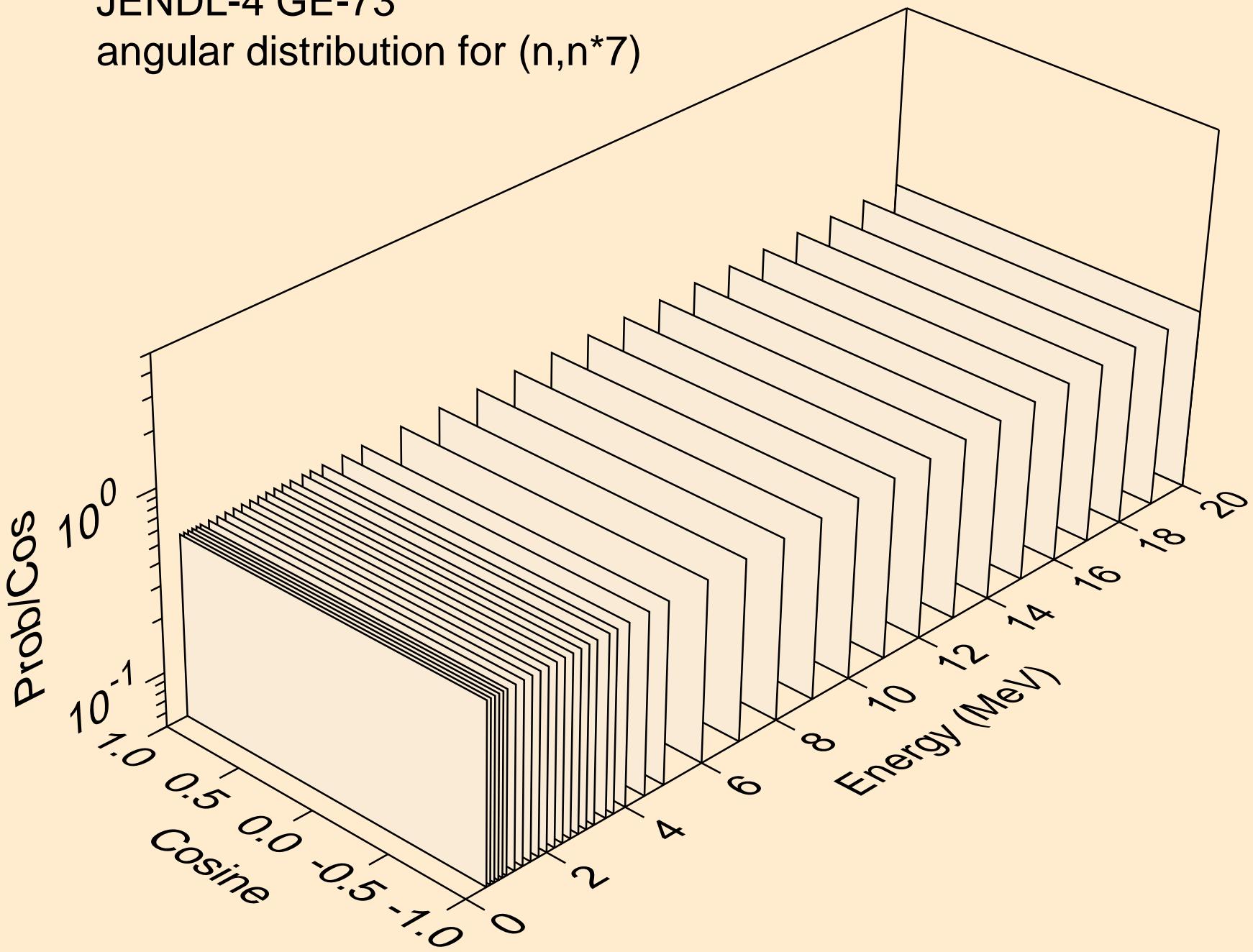
JENDL-4 GE-73  
angular distribution for (n,n\*5)



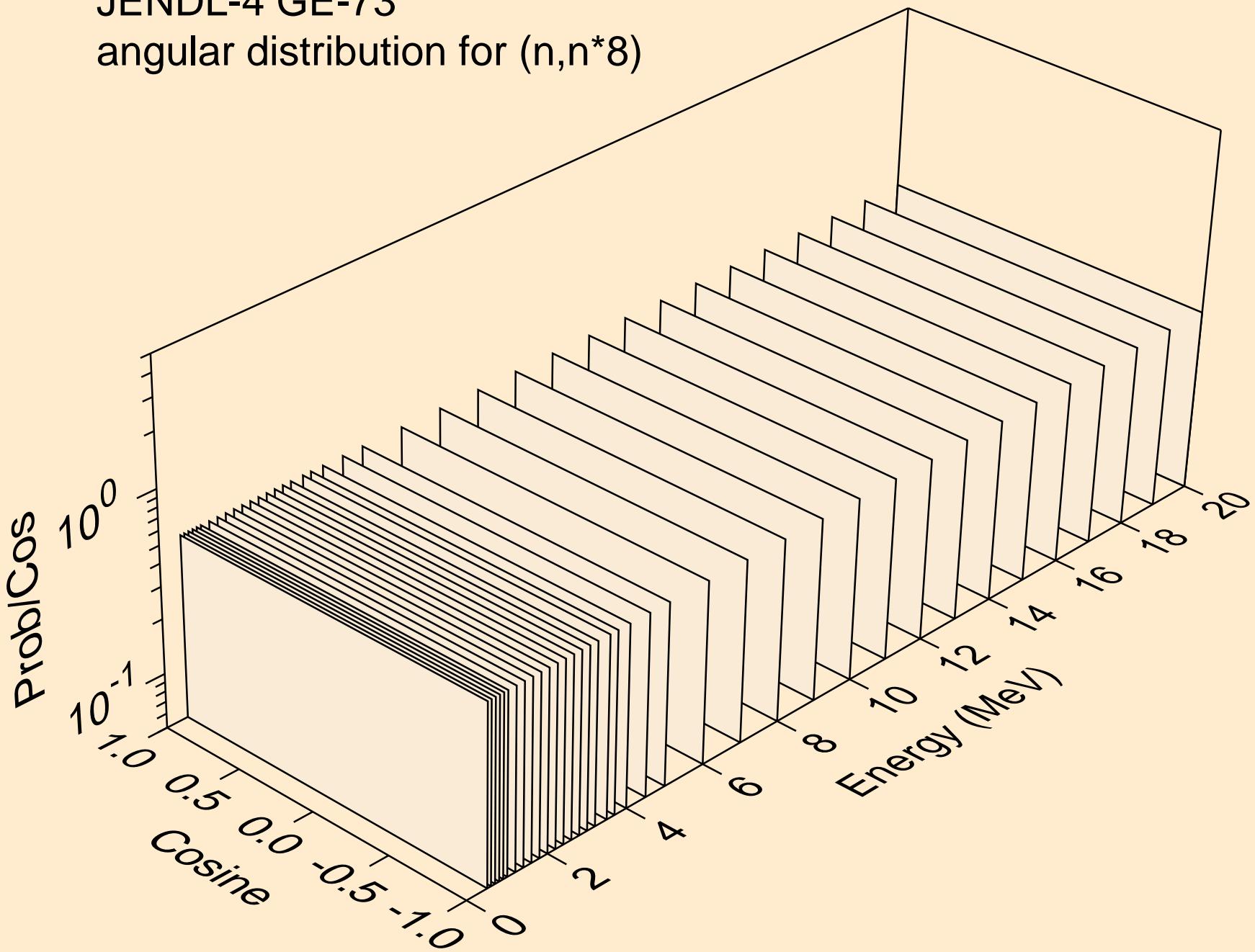
JENDL-4 GE-73  
angular distribution for  $(n,n^*6)$



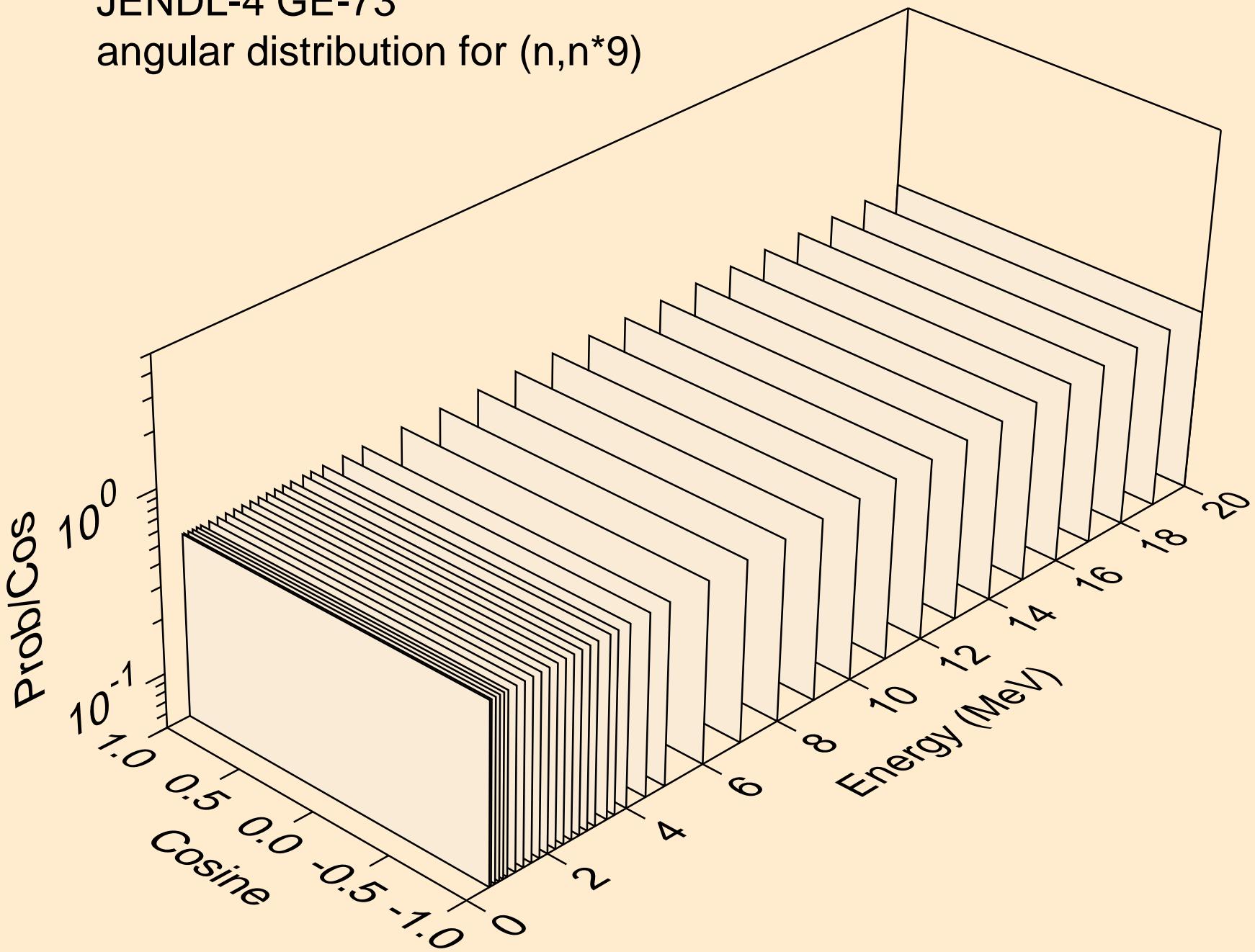
JENDL-4 GE-73  
angular distribution for  $(n,n^*7)$



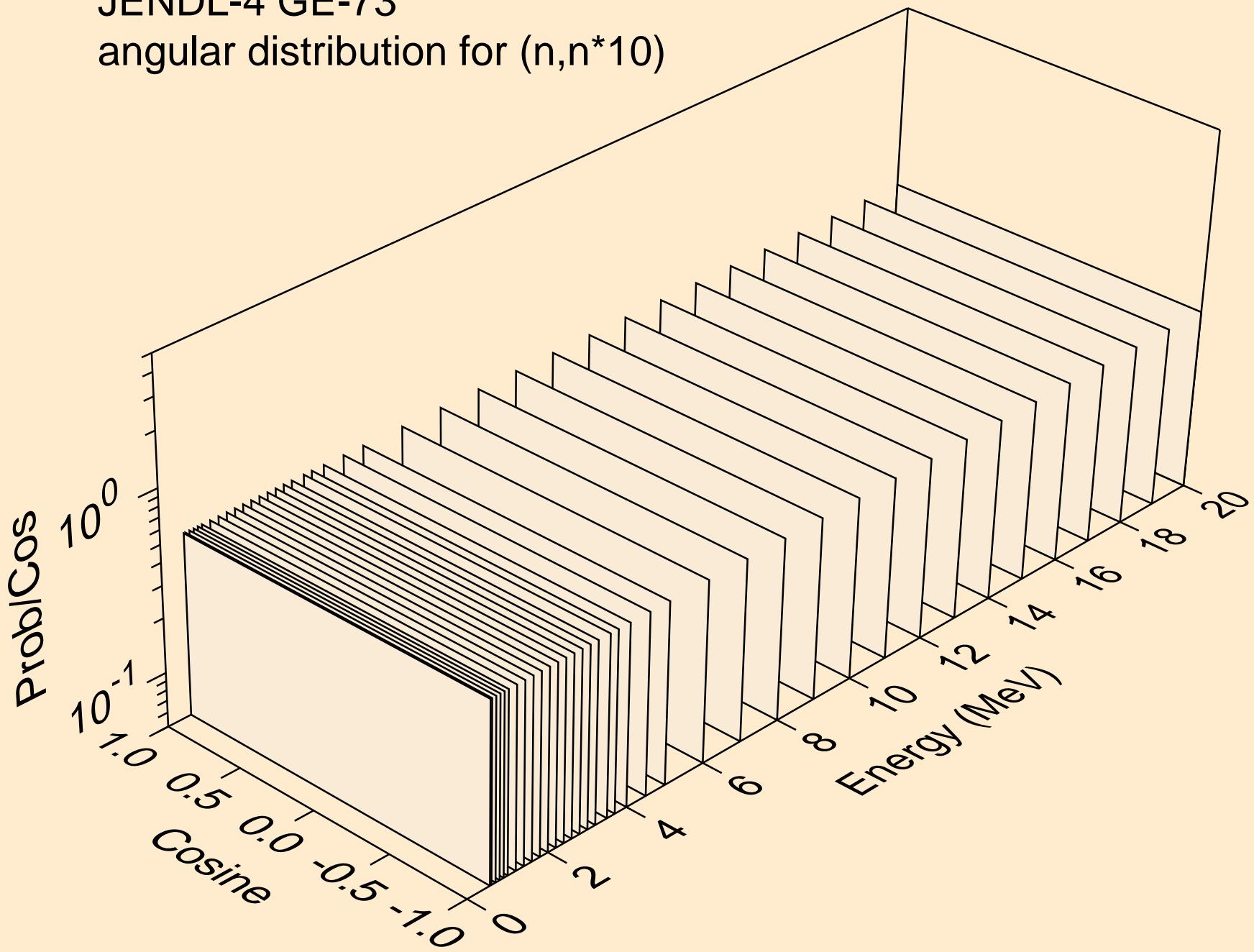
JENDL-4 GE-73  
angular distribution for  $(n,n^*)8$



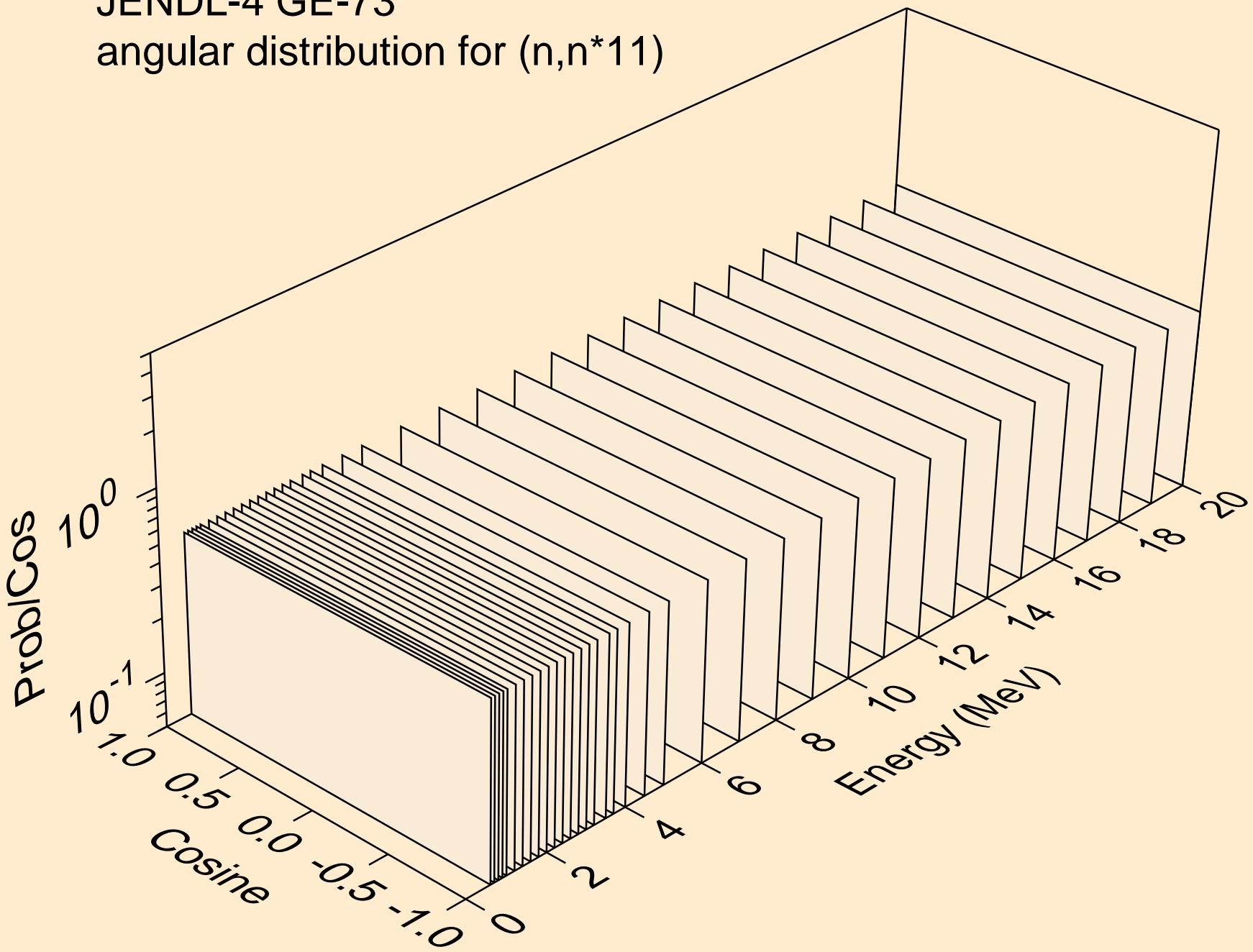
JENDL-4 GE-73  
angular distribution for  $(n,n^*9)$



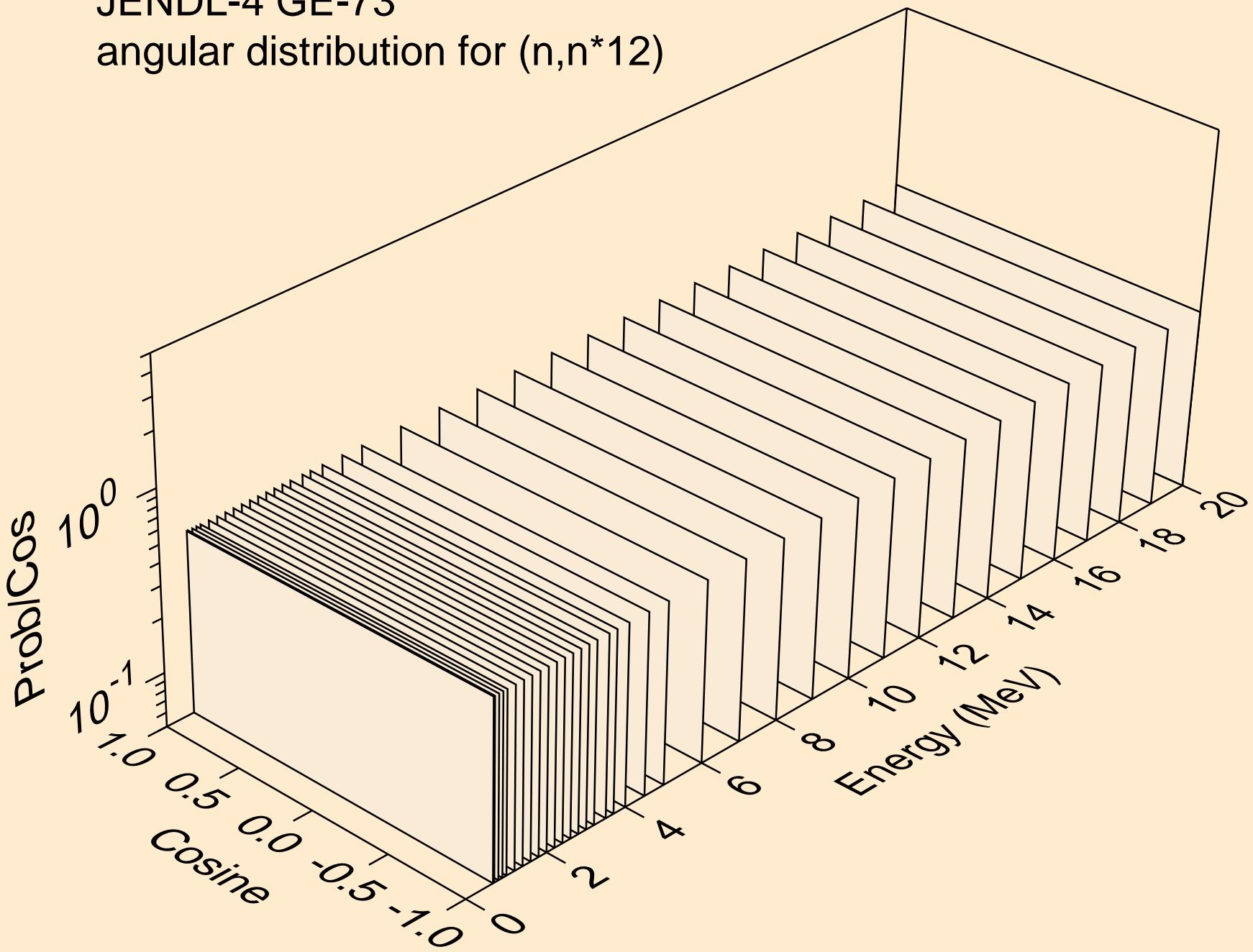
JENDL-4 GE-73  
angular distribution for (n,n\*10)



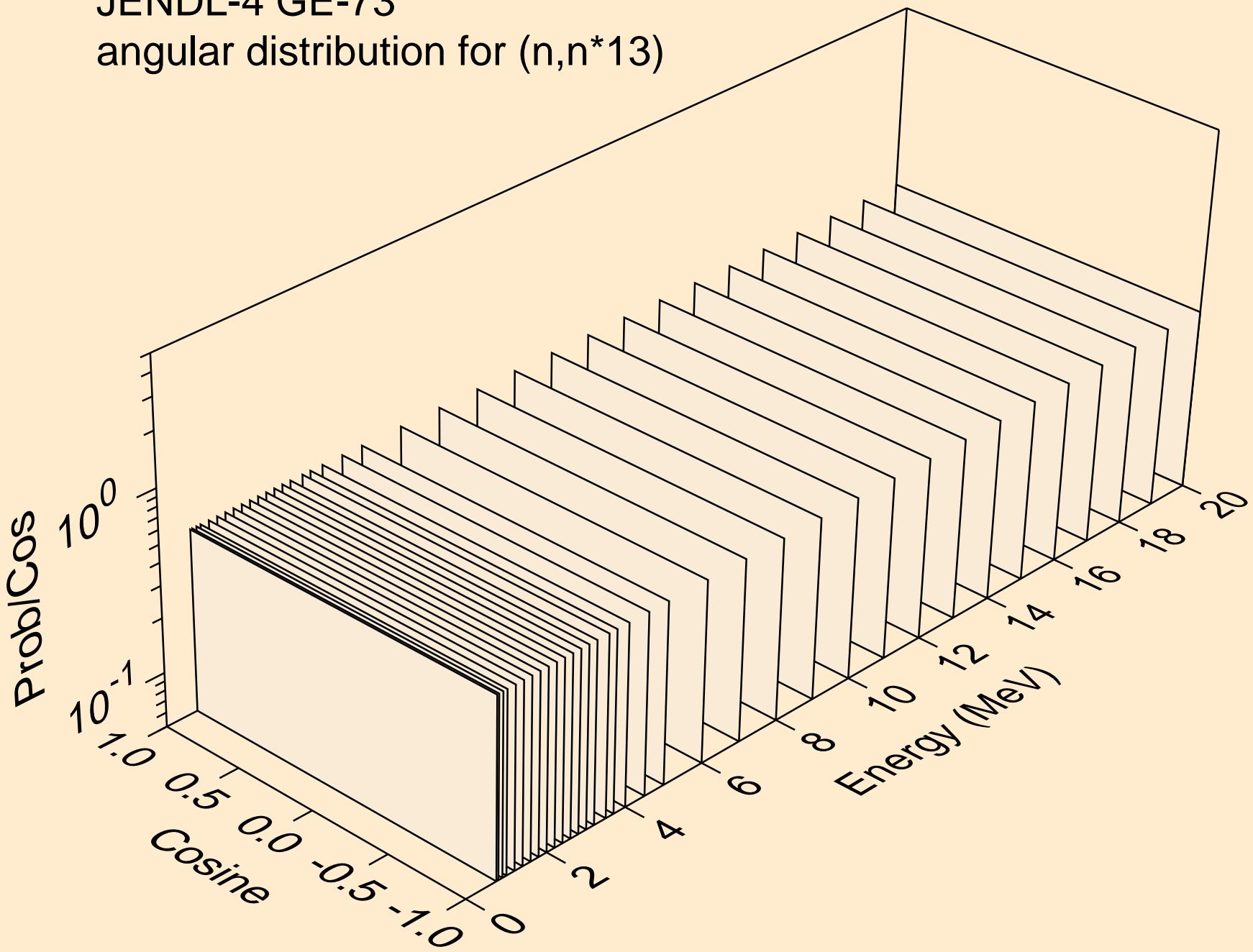
JENDL-4 GE-73  
angular distribution for (n,n\*11)



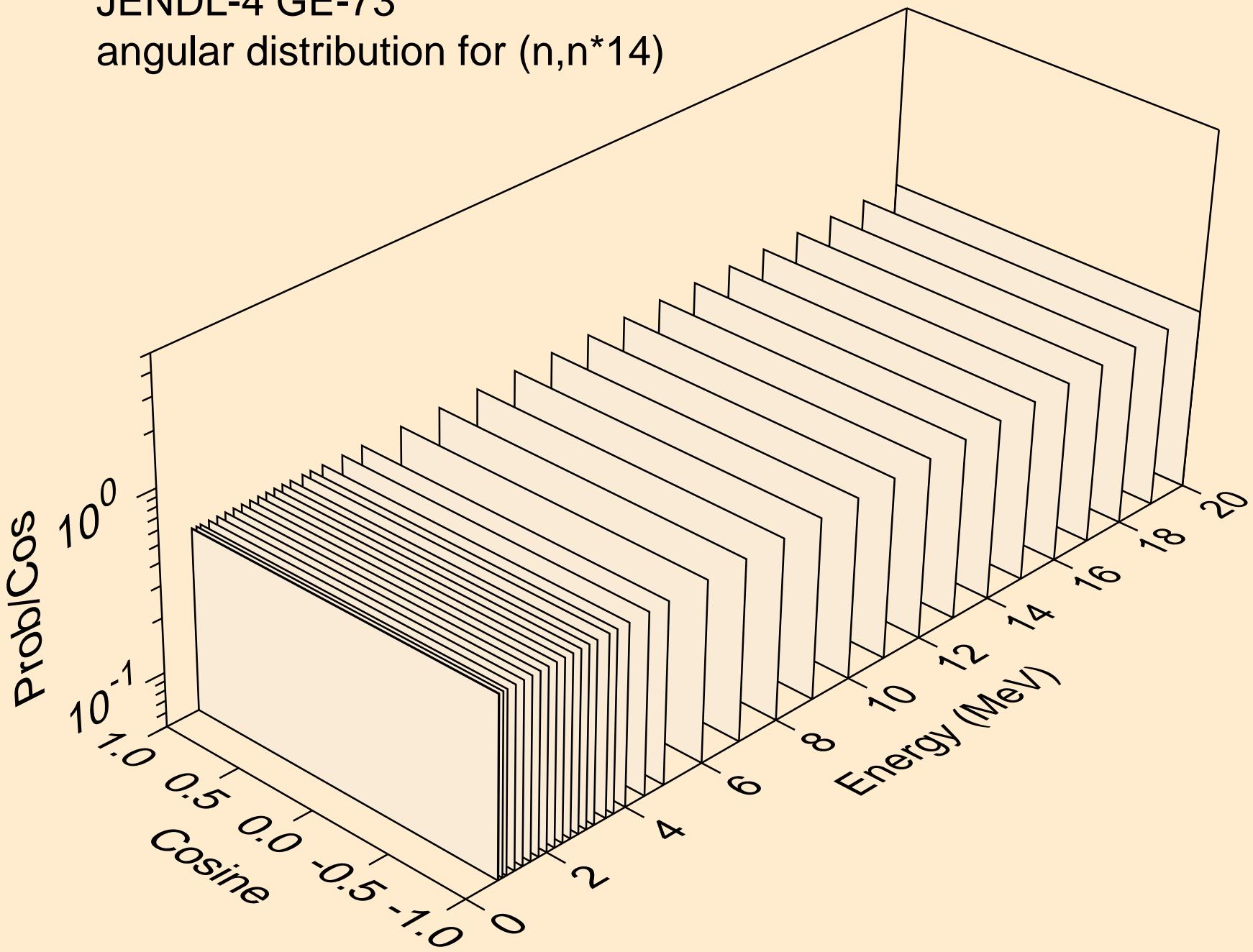
JENDL-4 GE-73  
angular distribution for (n,n\*12)



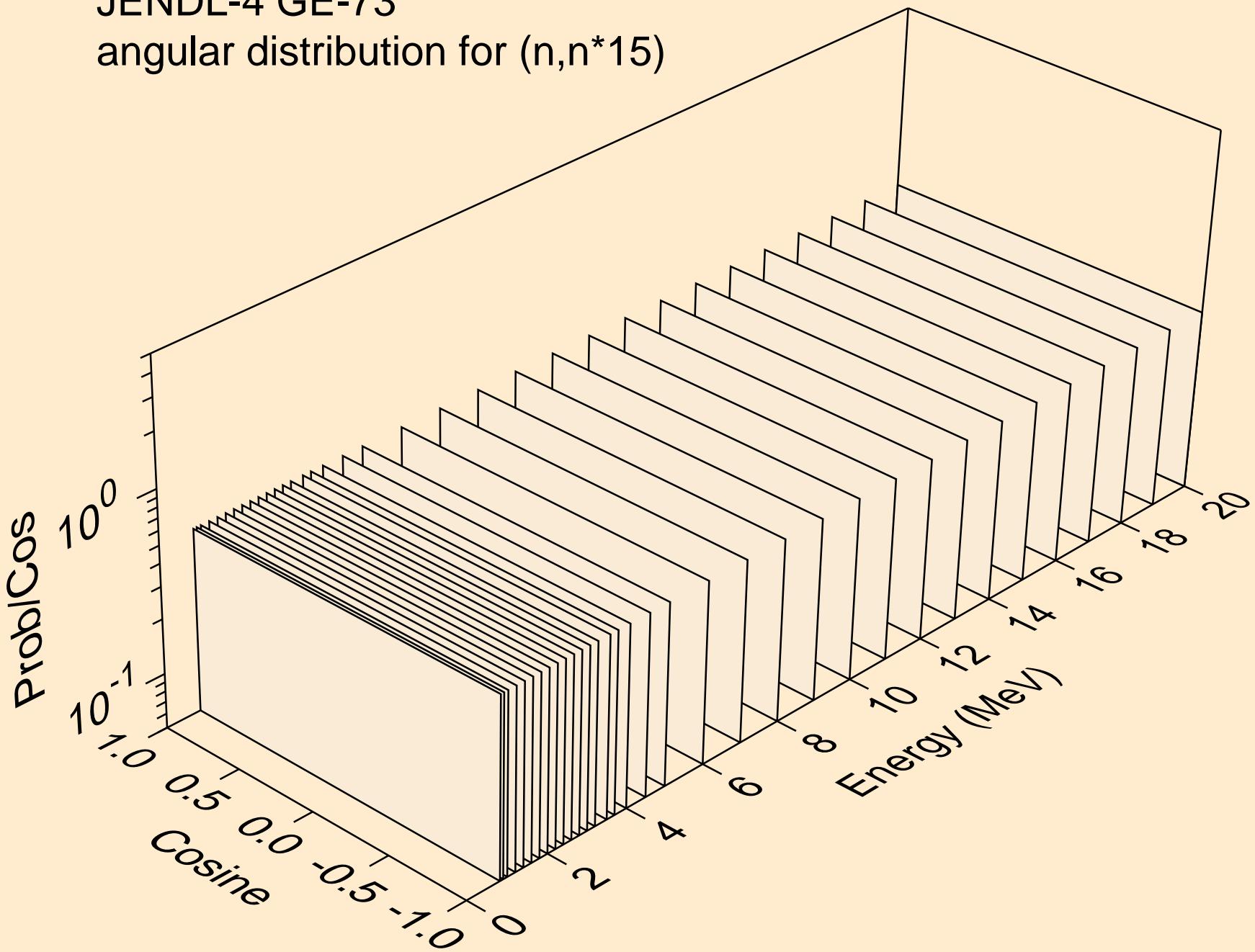
JENDL-4 GE-73  
angular distribution for (n,n\*13)



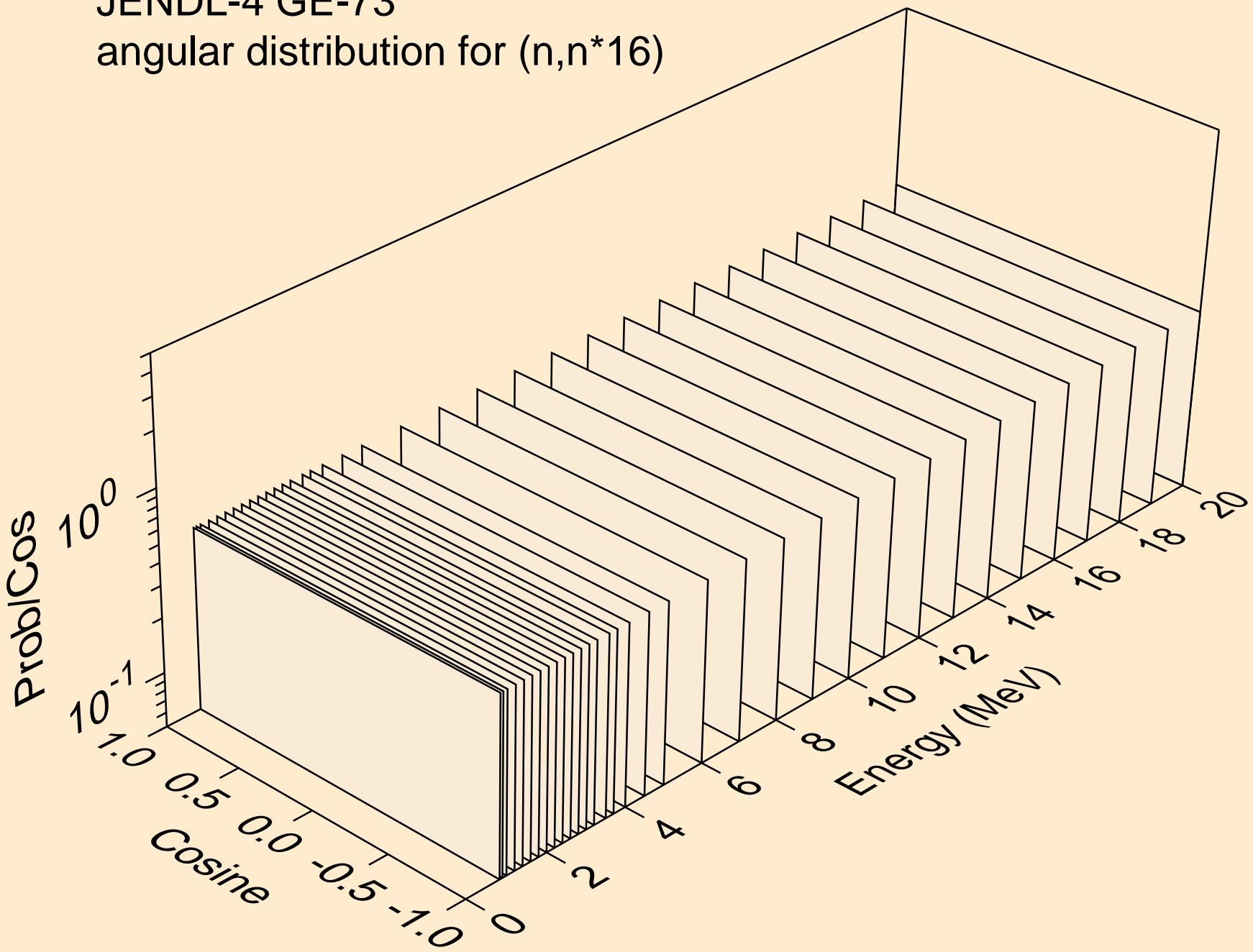
JENDL-4 GE-73  
angular distribution for ( $n, n^* 14$ )



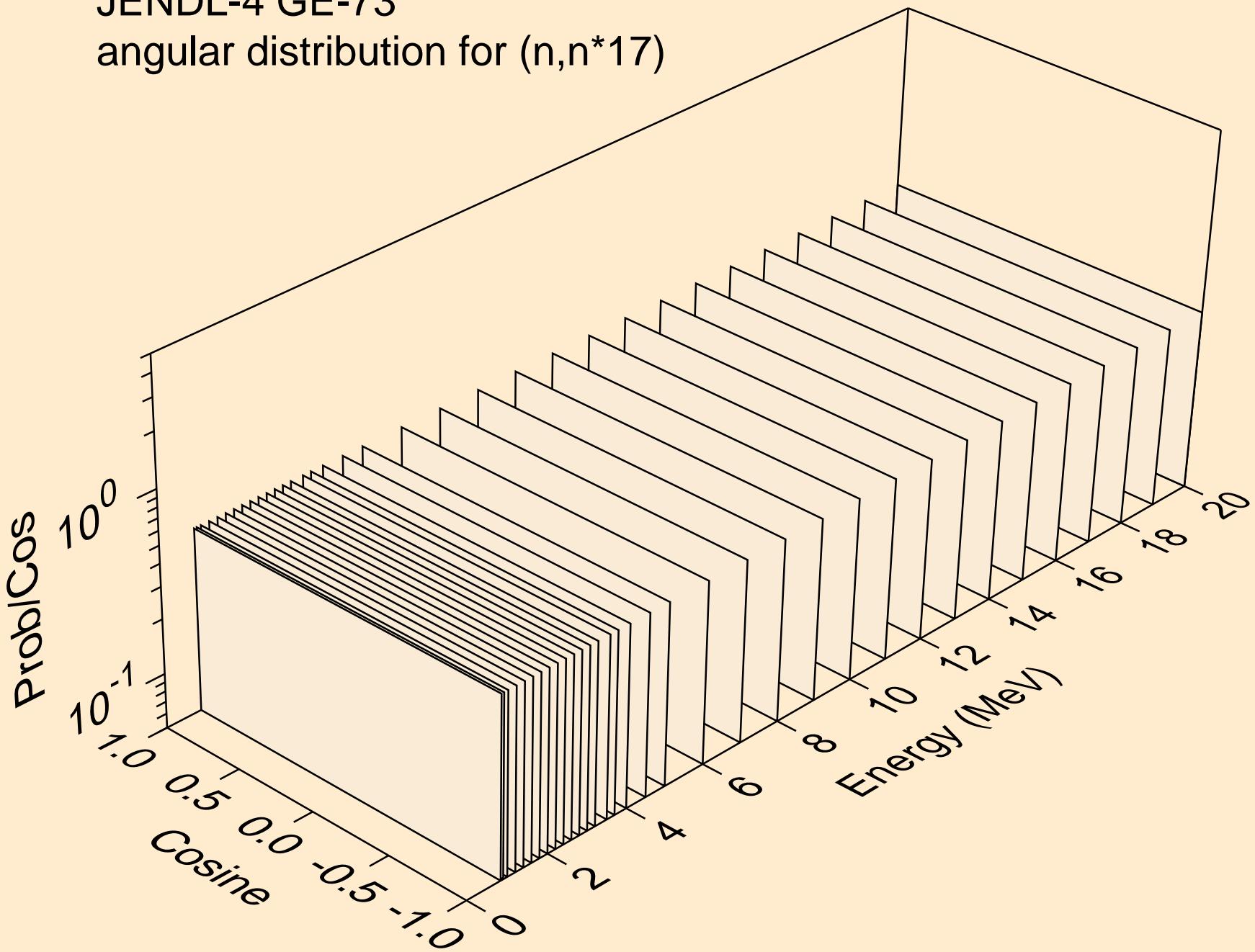
JENDL-4 GE-73  
angular distribution for ( $n, n^* 15$ )



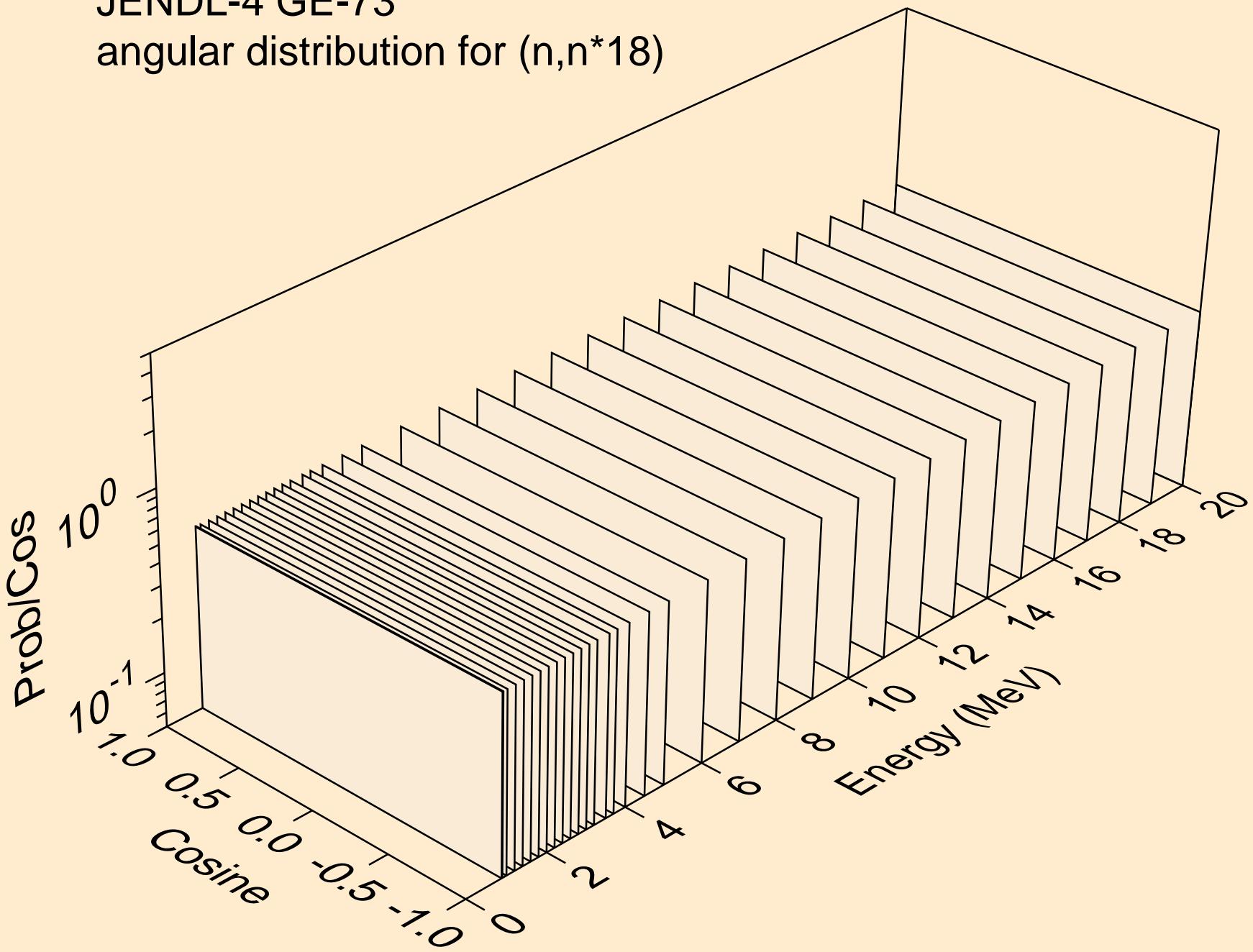
JENDL-4 GE-73  
angular distribution for (n,n\*16)



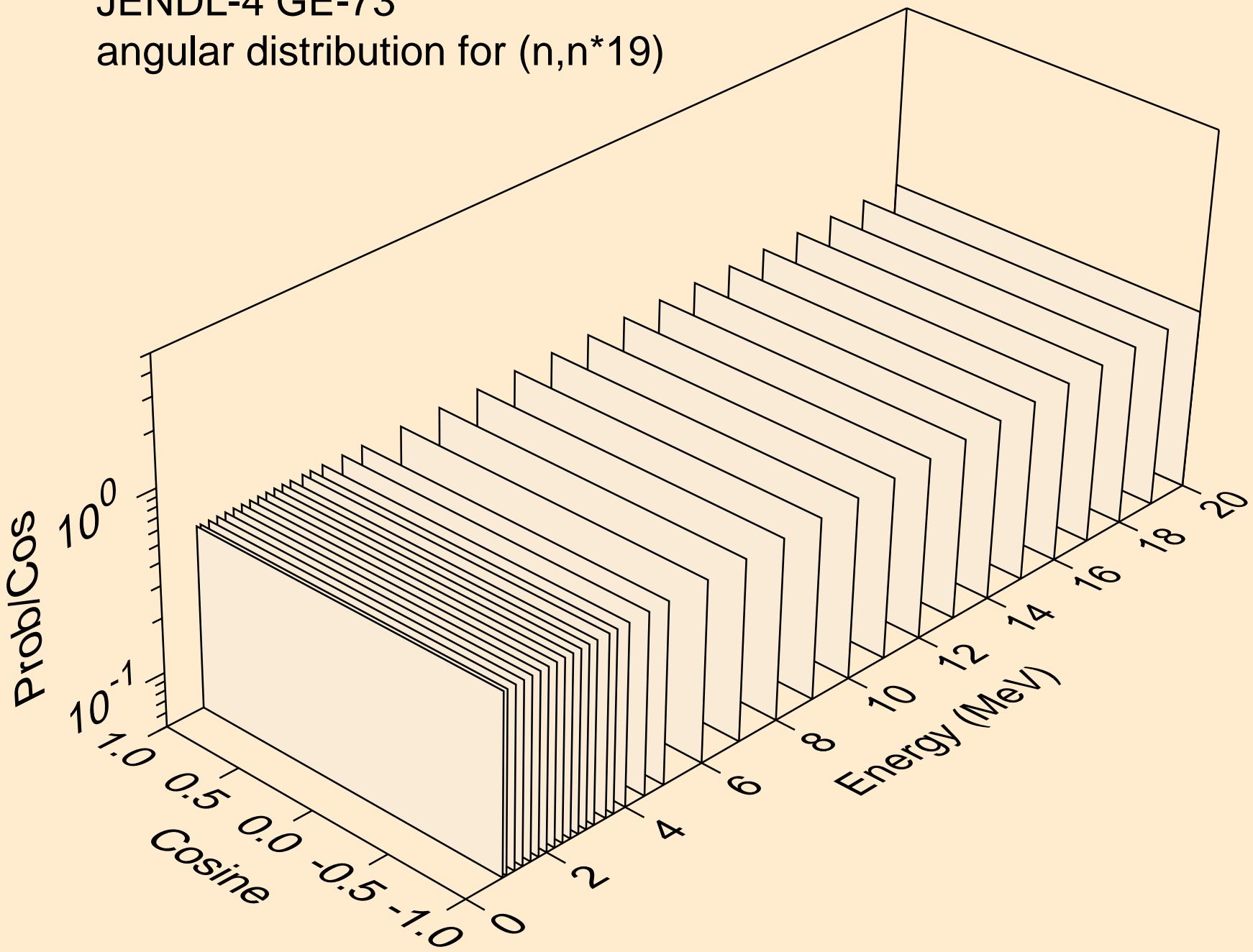
JENDL-4 GE-73  
angular distribution for ( $n, n^* 17$ )



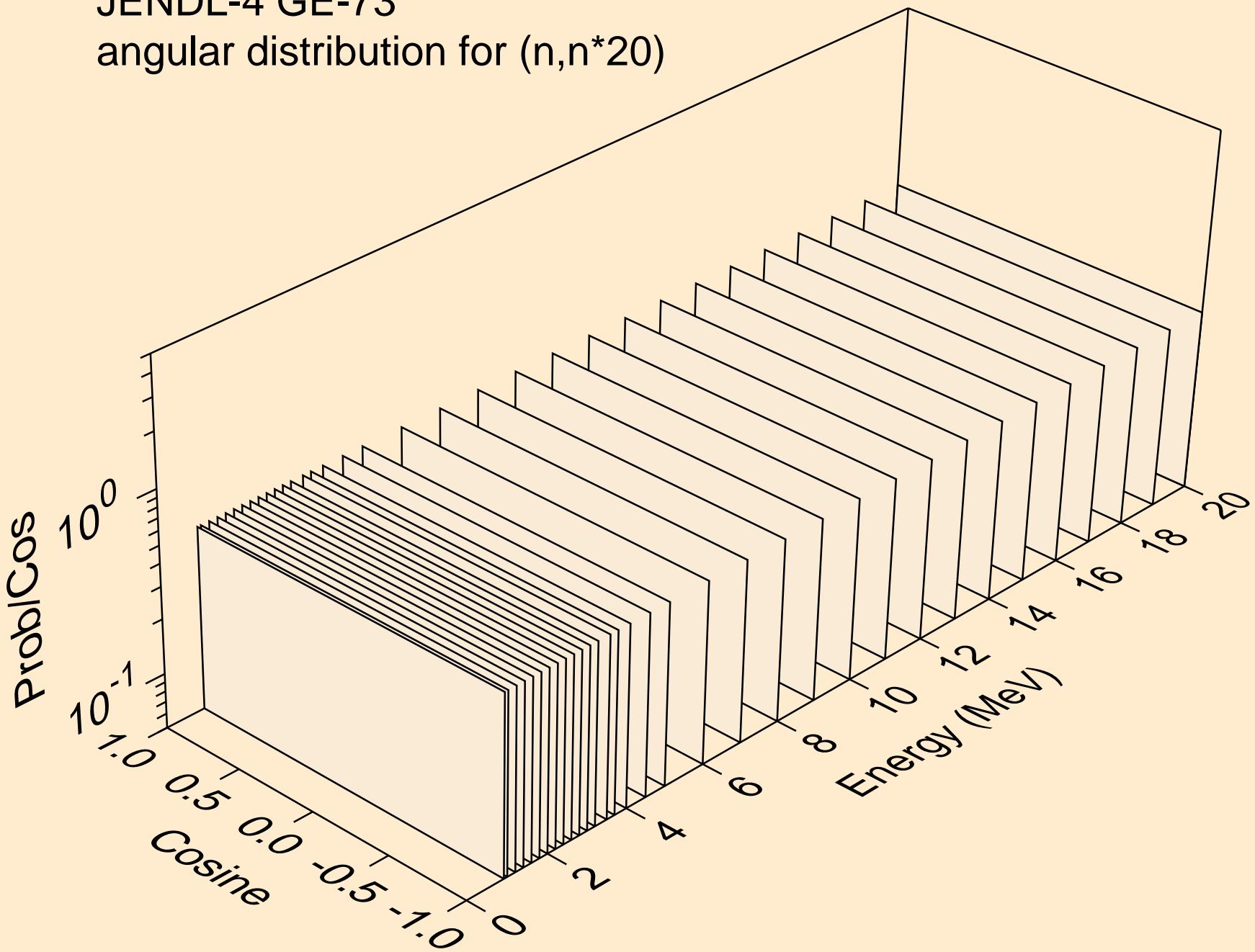
JENDL-4 GE-73  
angular distribution for ( $n, n^* 18$ )



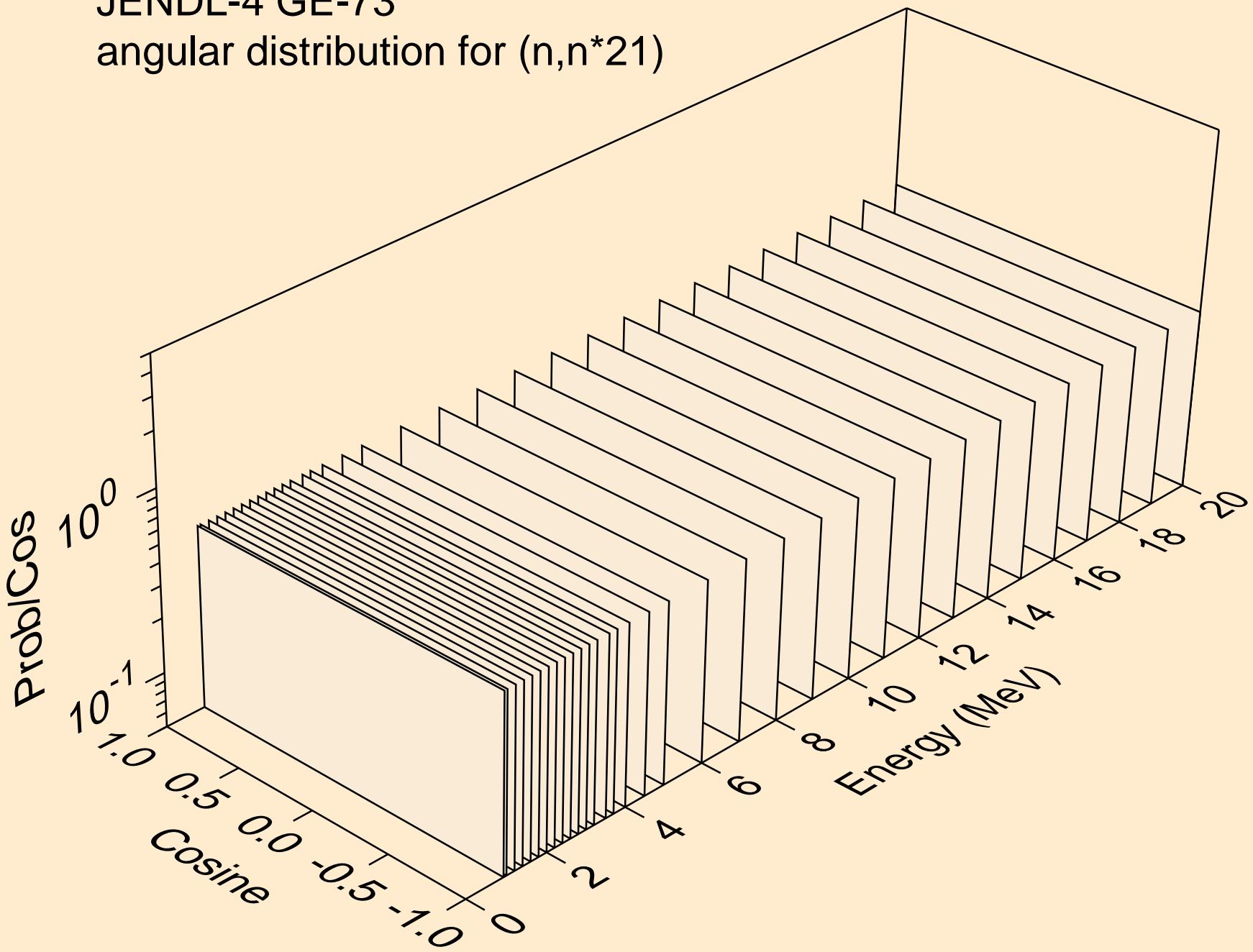
JENDL-4 GE-73  
angular distribution for (n,n\*19)



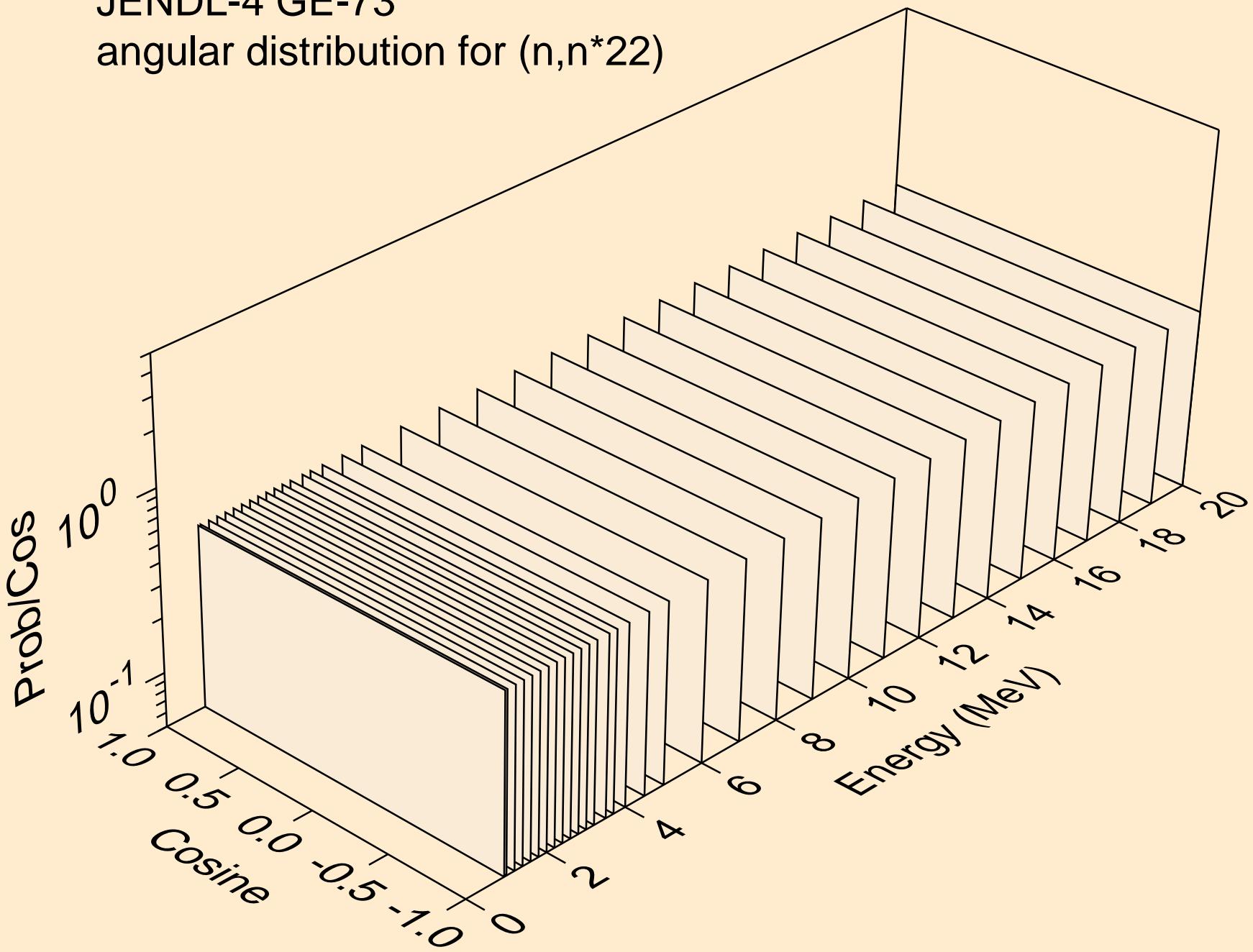
JENDL-4 GE-73  
angular distribution for ( $n, n^* 20$ )



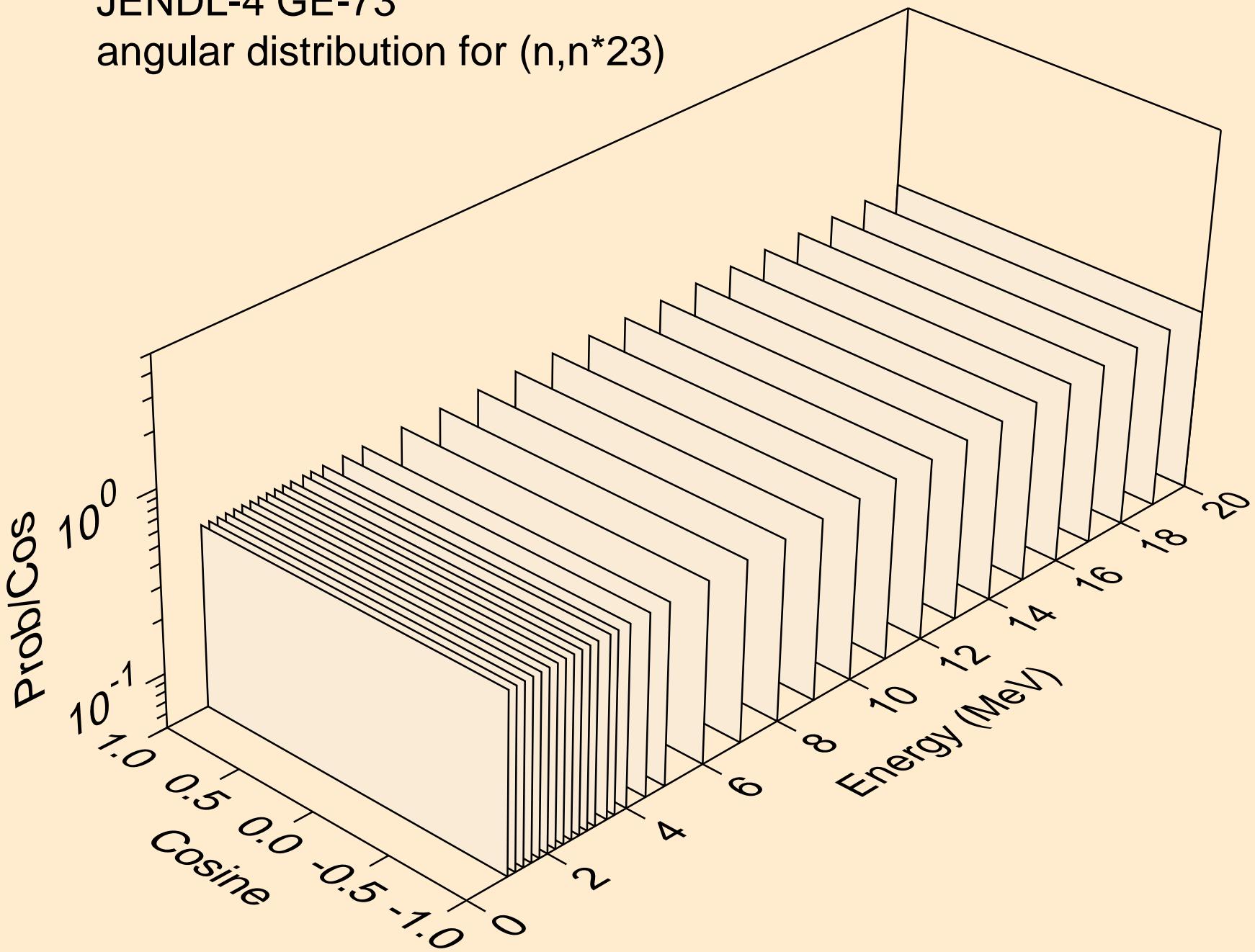
JENDL-4 GE-73  
angular distribution for ( $n,n^*$ )21



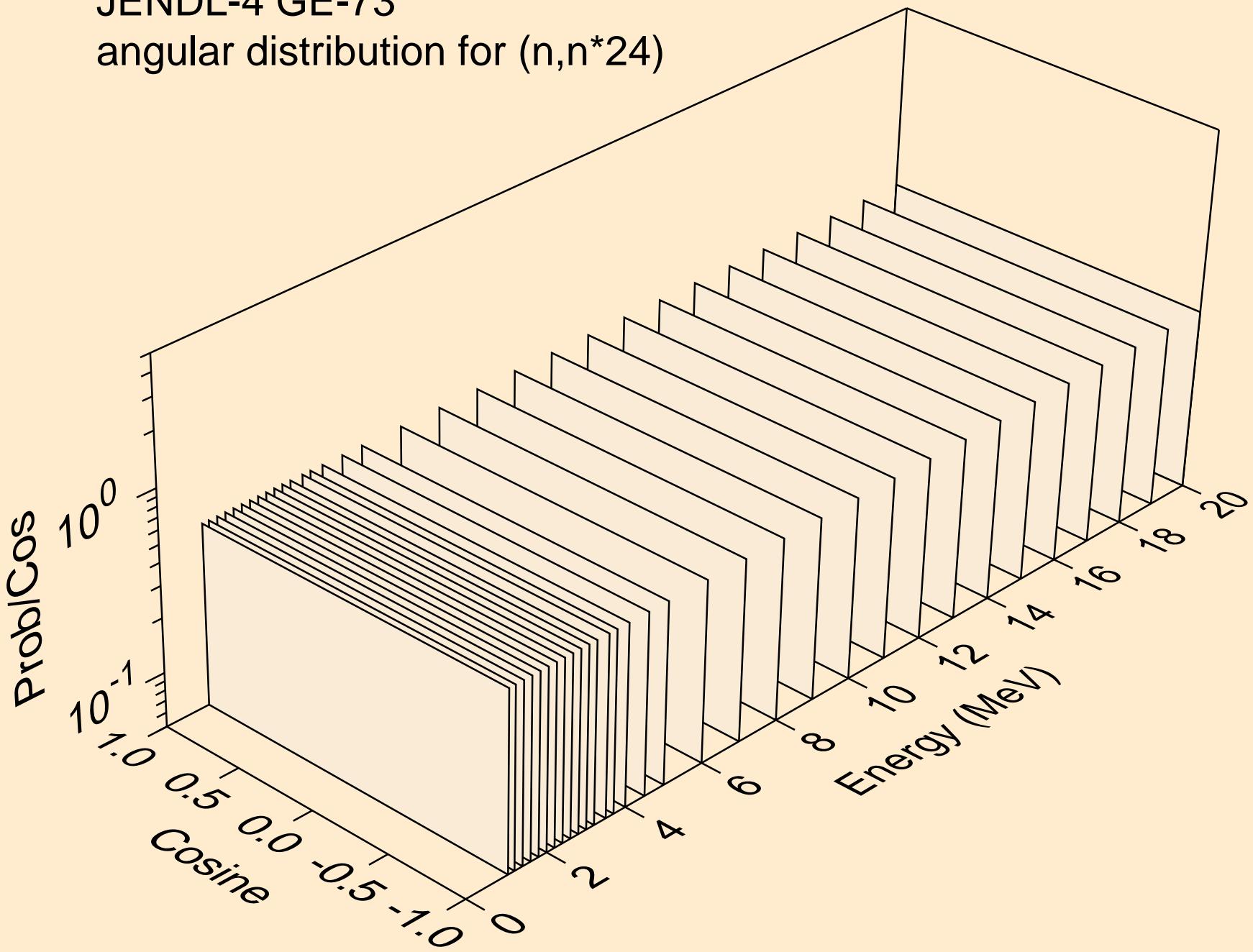
JENDL-4 GE-73  
angular distribution for ( $n, n^* 22$ )



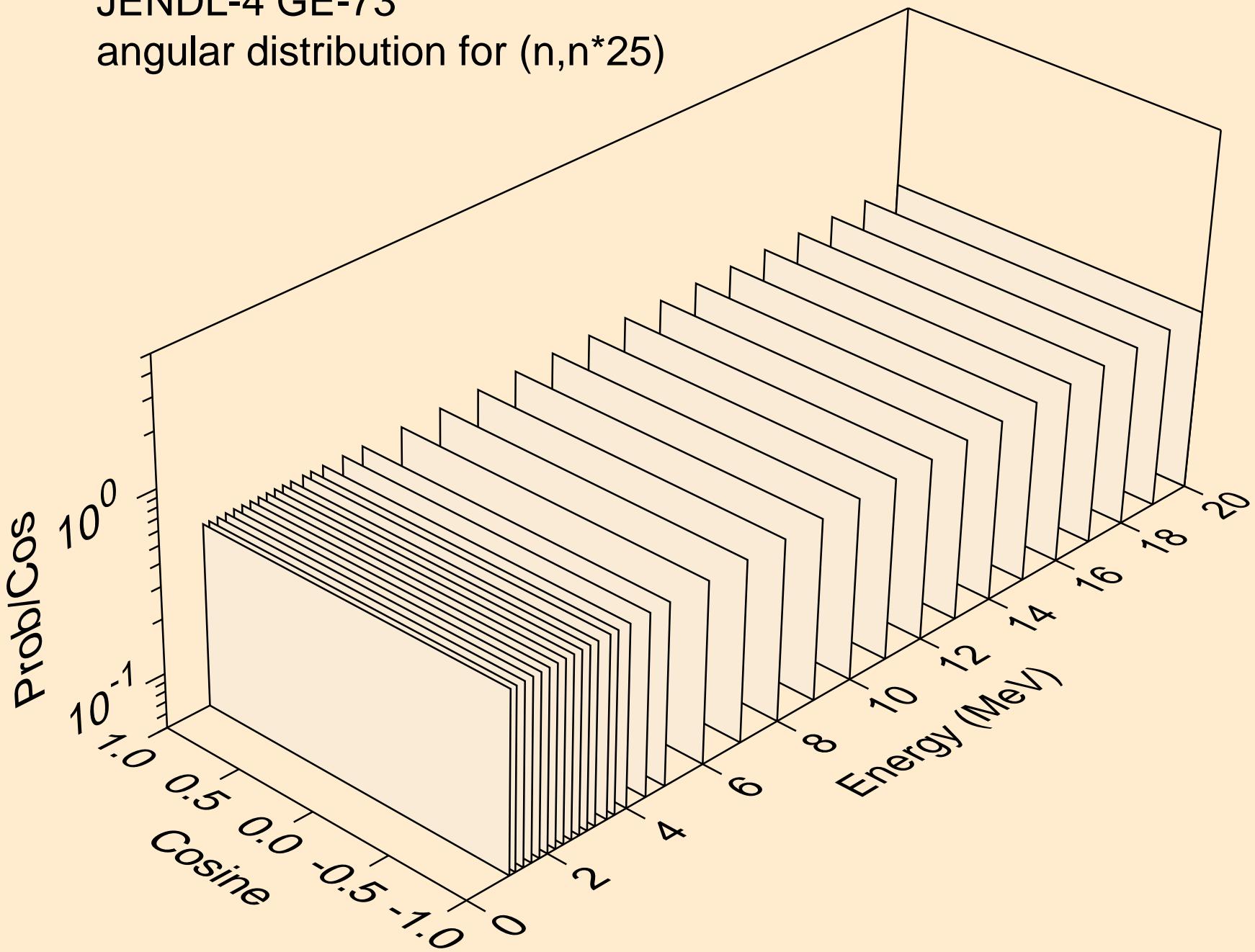
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angular distribution for ( $n, n^* 23$ )



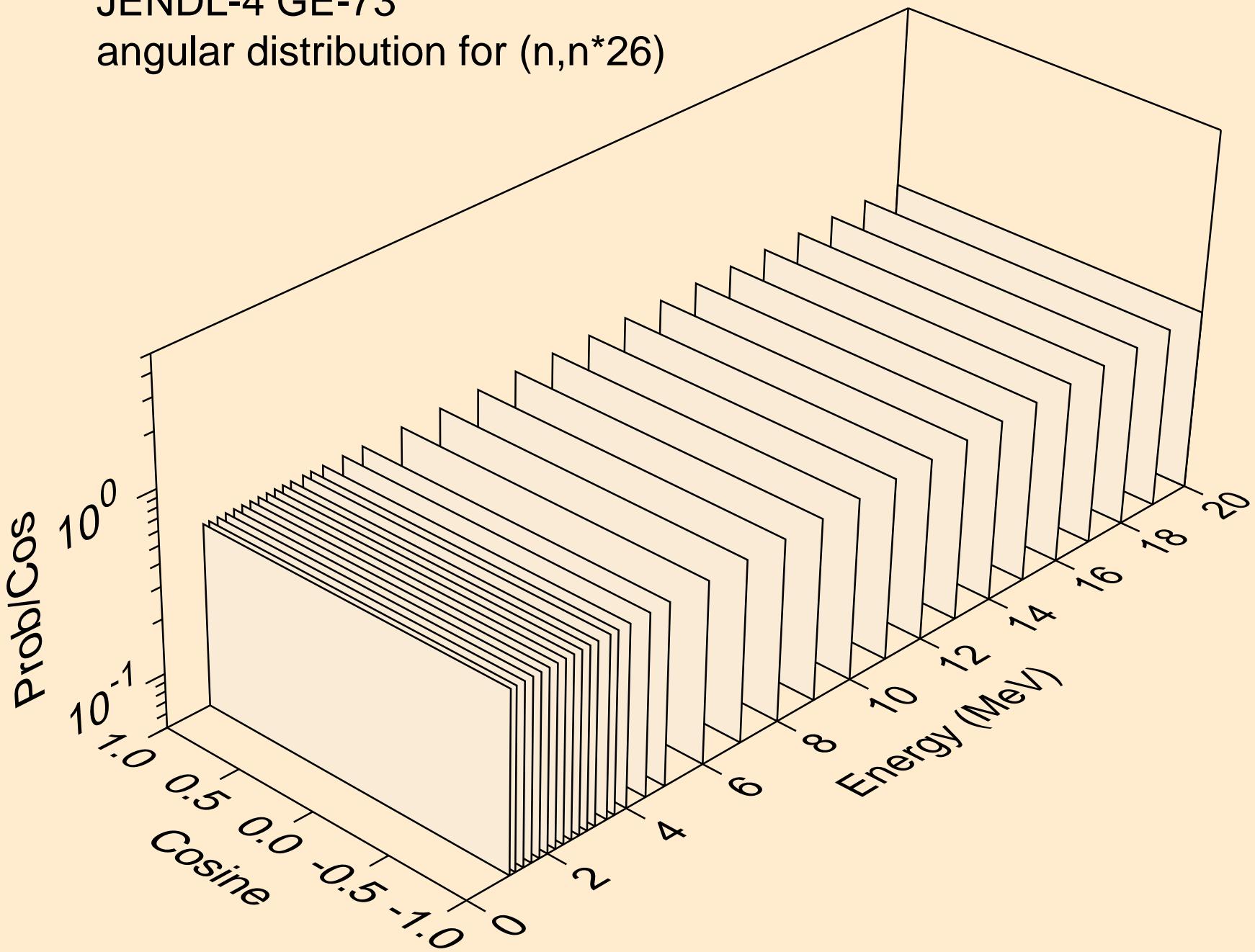
JENDL-4 GE-73  
angular distribution for ( $n, n^* 24$ )



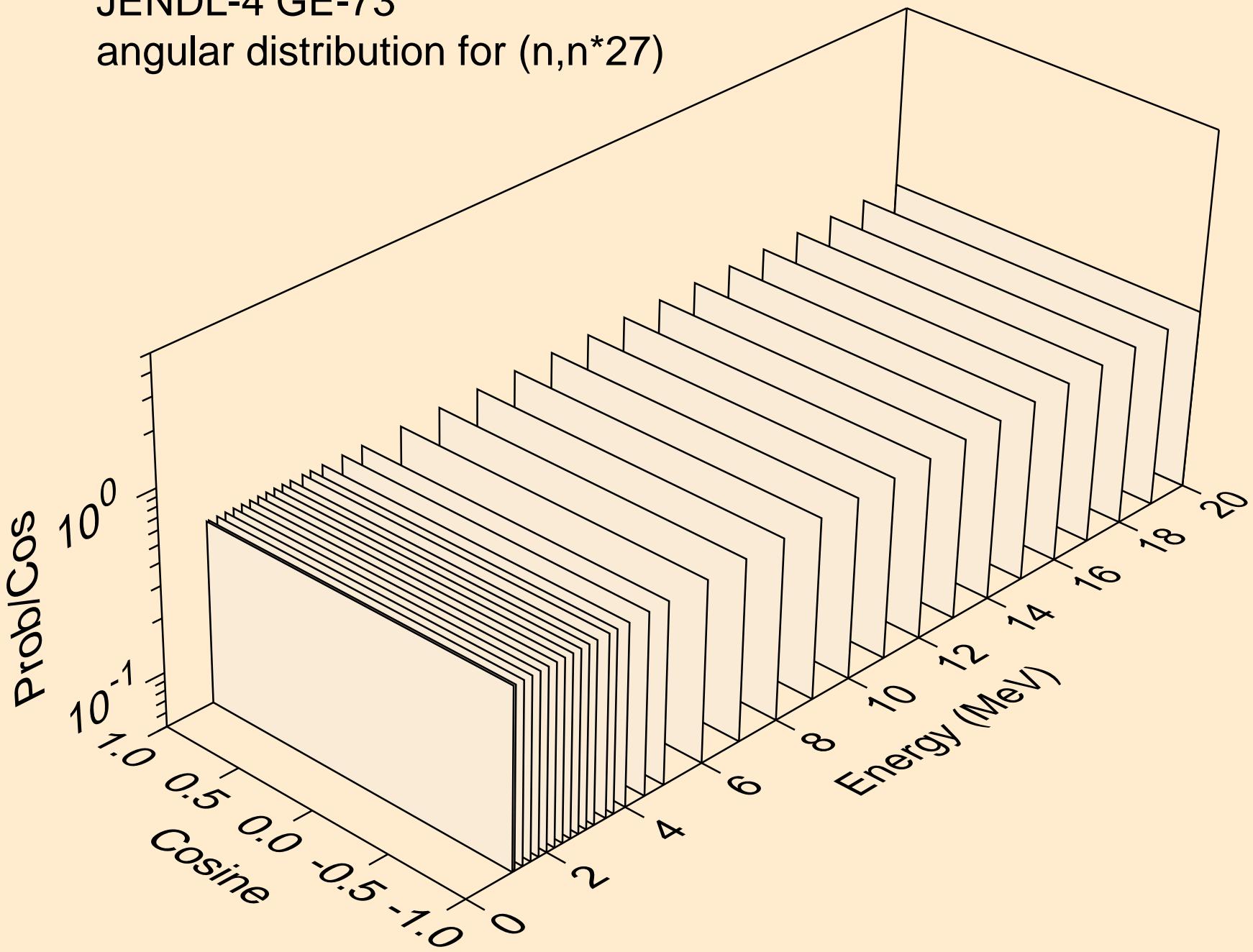
JENDL-4 GE-73  
angular distribution for ( $n, n^* 25$ )



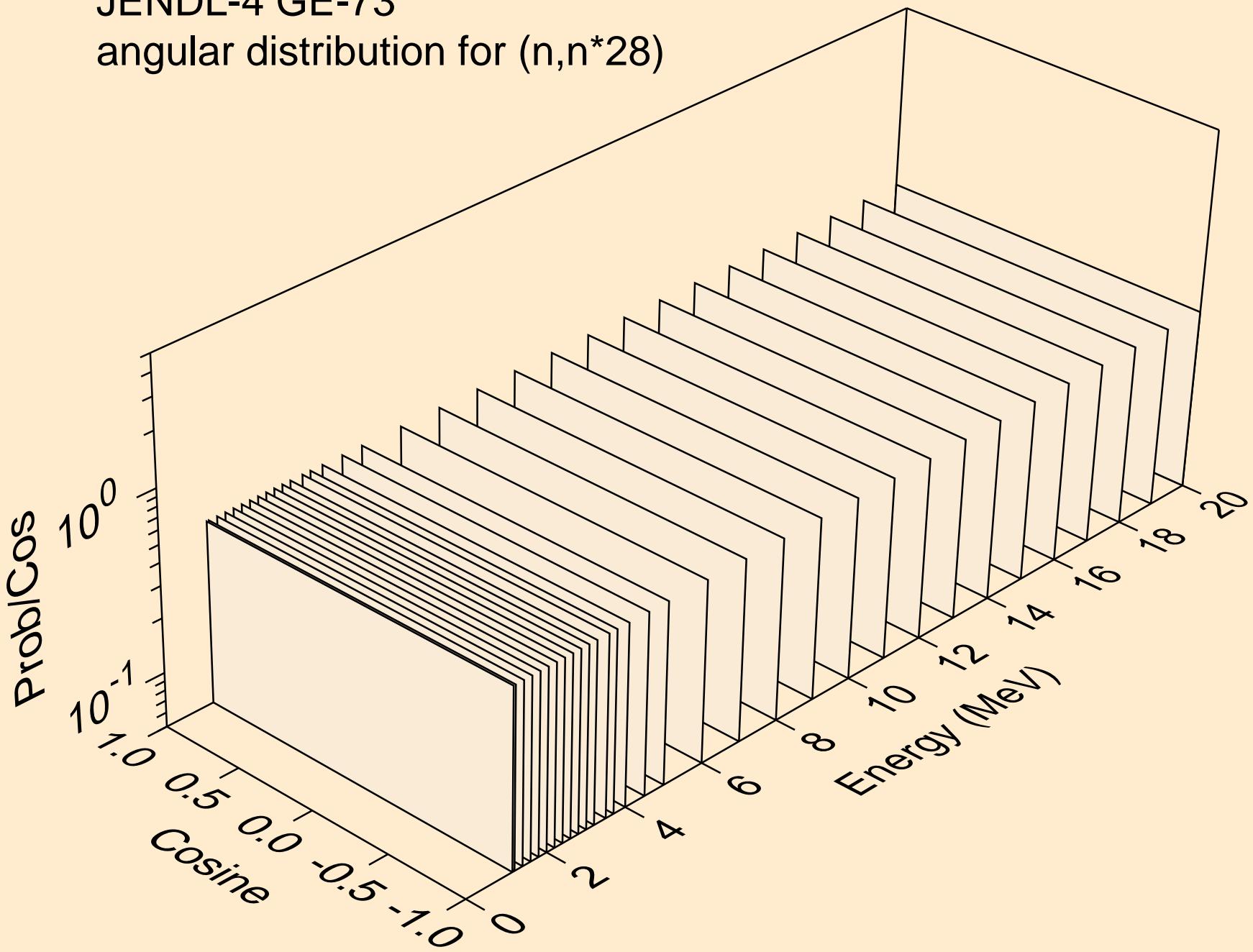
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angular distribution for ( $n, n^* 26$ )



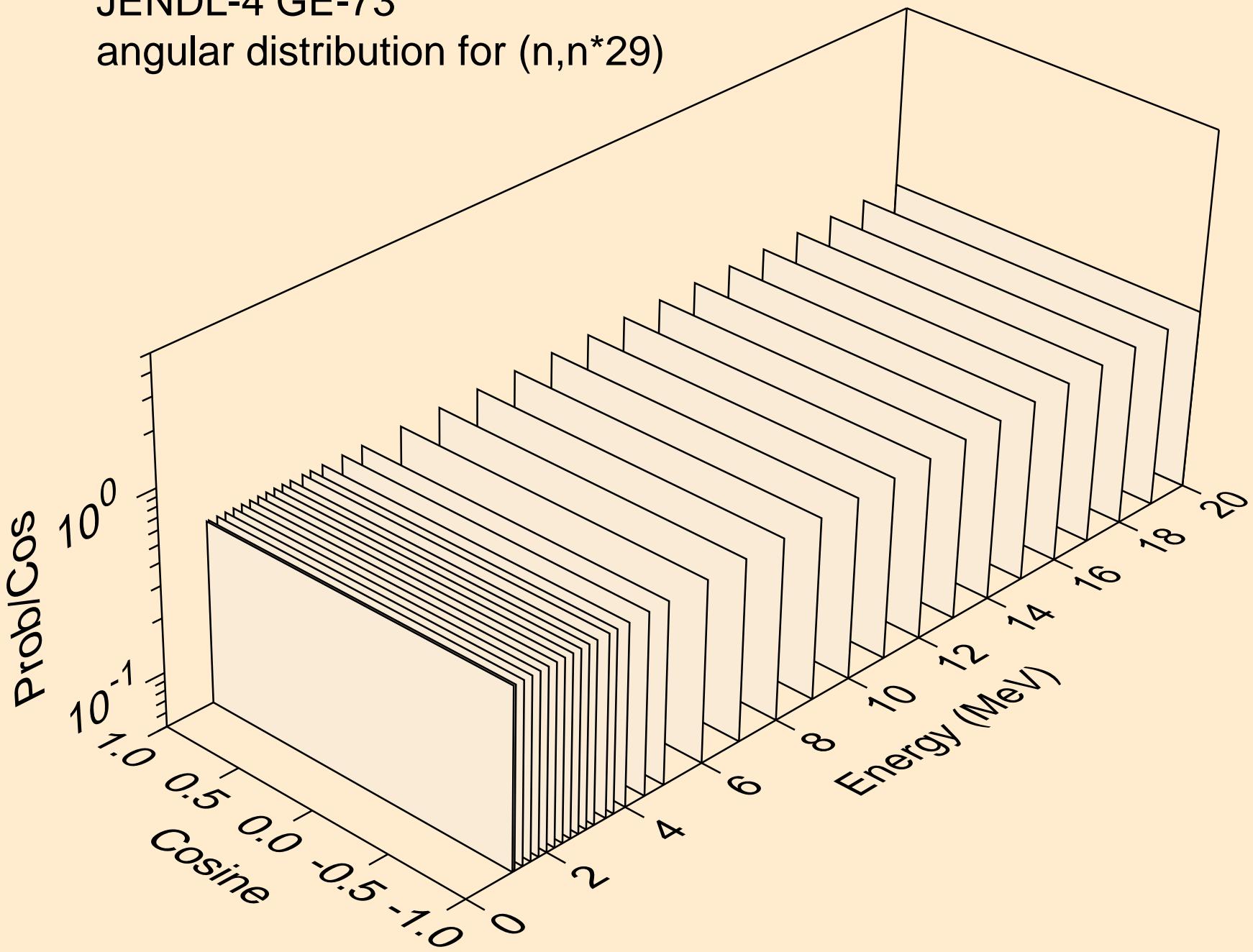
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angular distribution for ( $n, n^* 27$ )



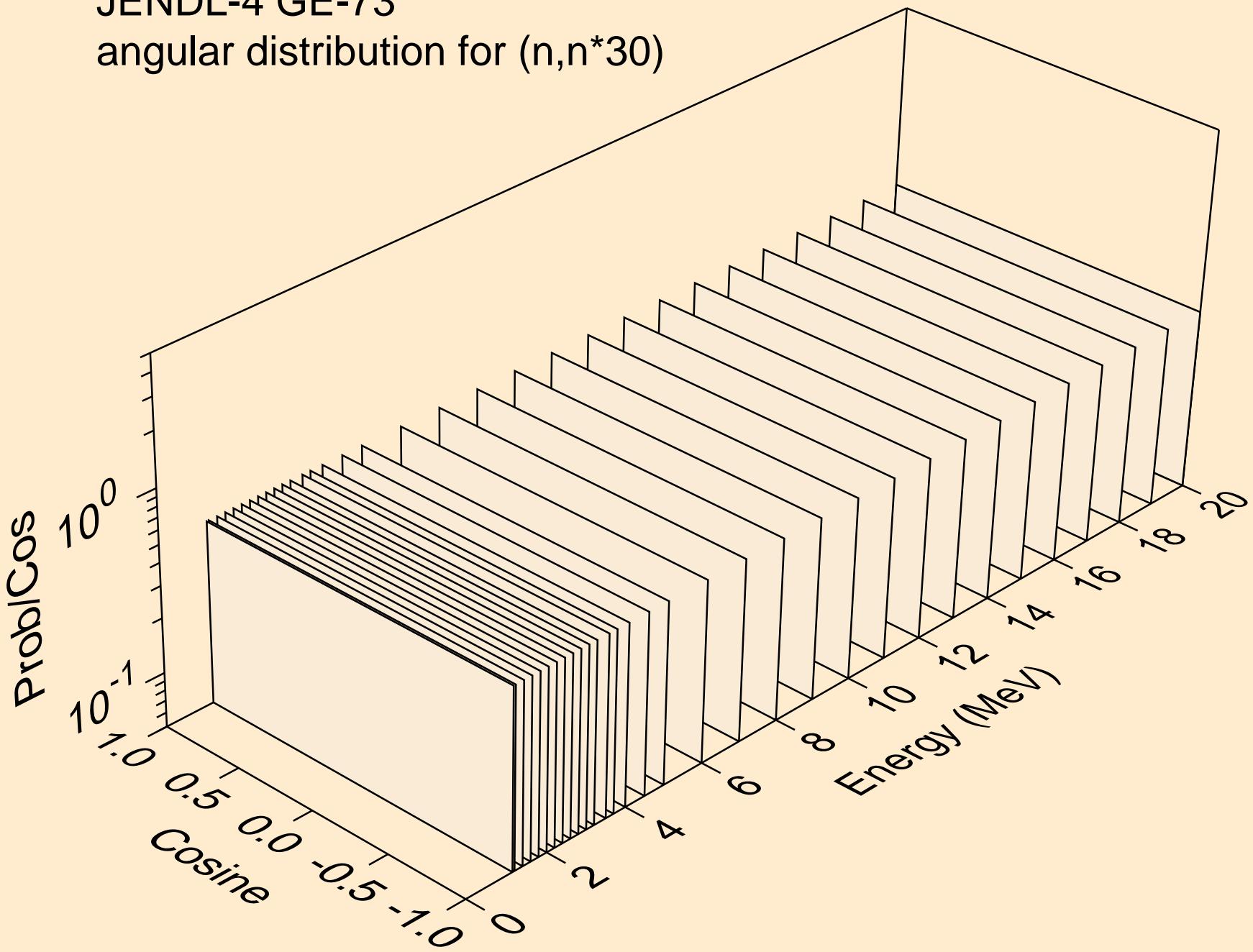
JENDL-4 GE-73  
angular distribution for ( $n, n^* 28$ )



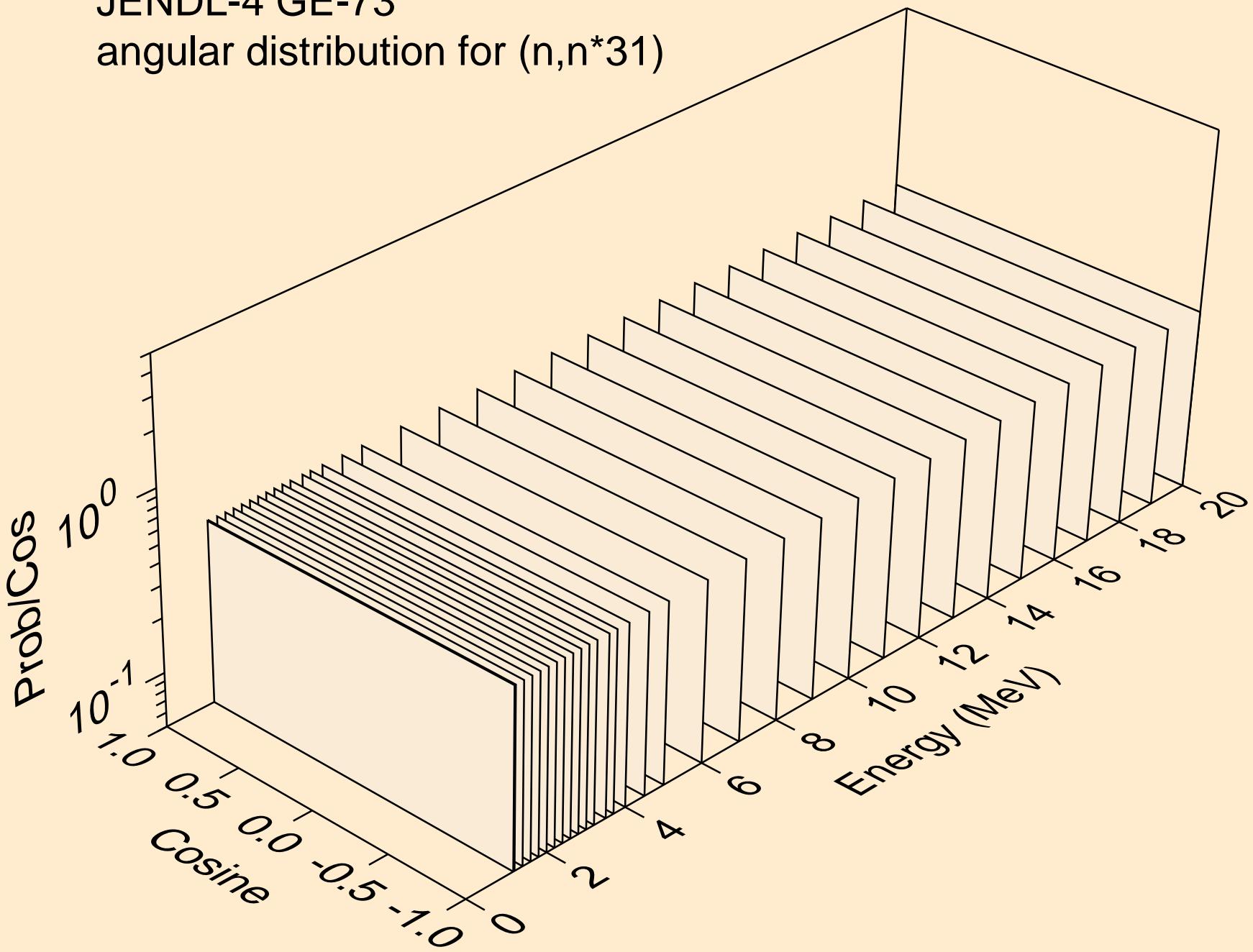
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angular distribution for ( $n, n^* 29$ )



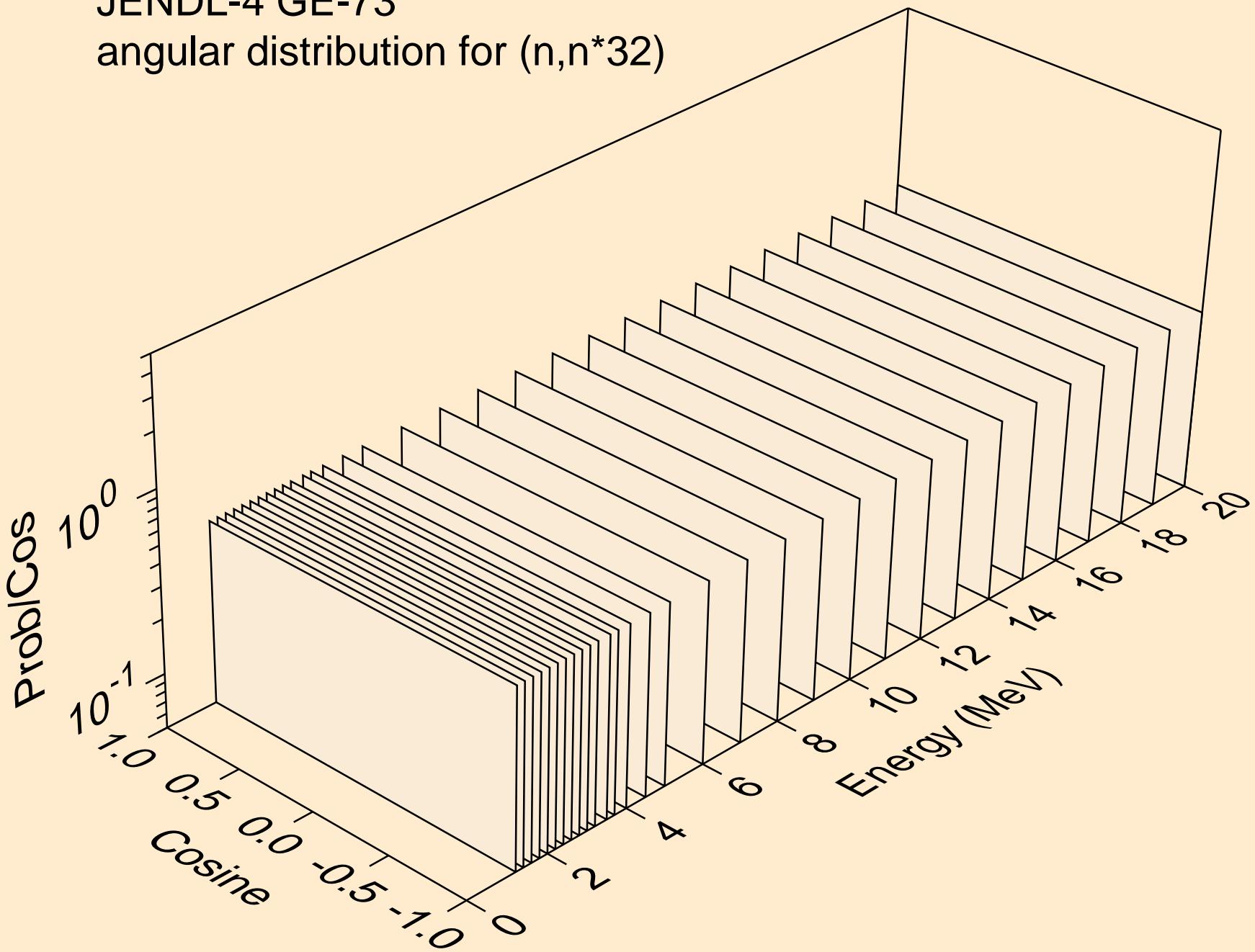
JENDL-4 GE-73  
angular distribution for ( $n,n^*$ )30



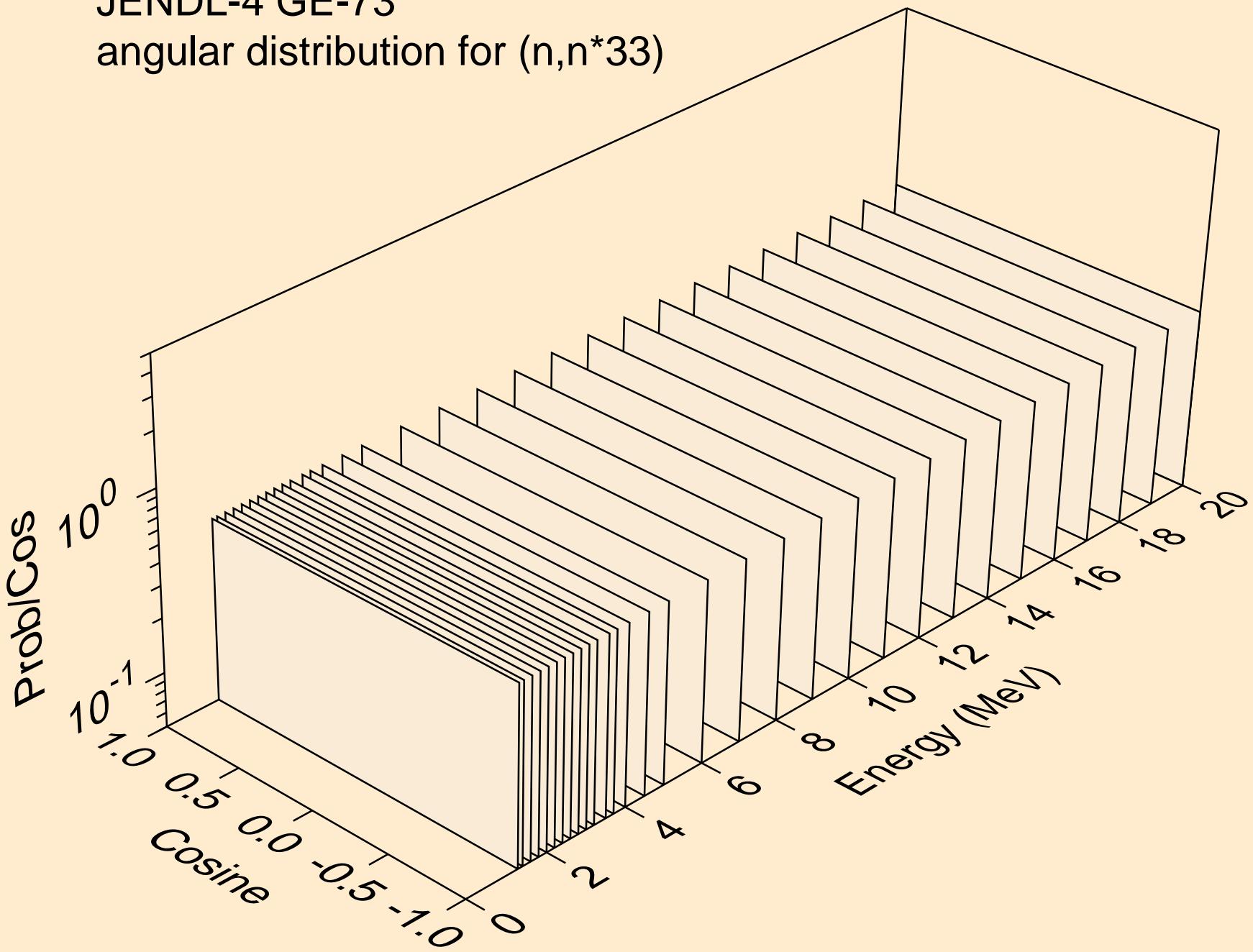
JENDL-4 GE-73  
angular distribution for ( $n,n^*$ )31



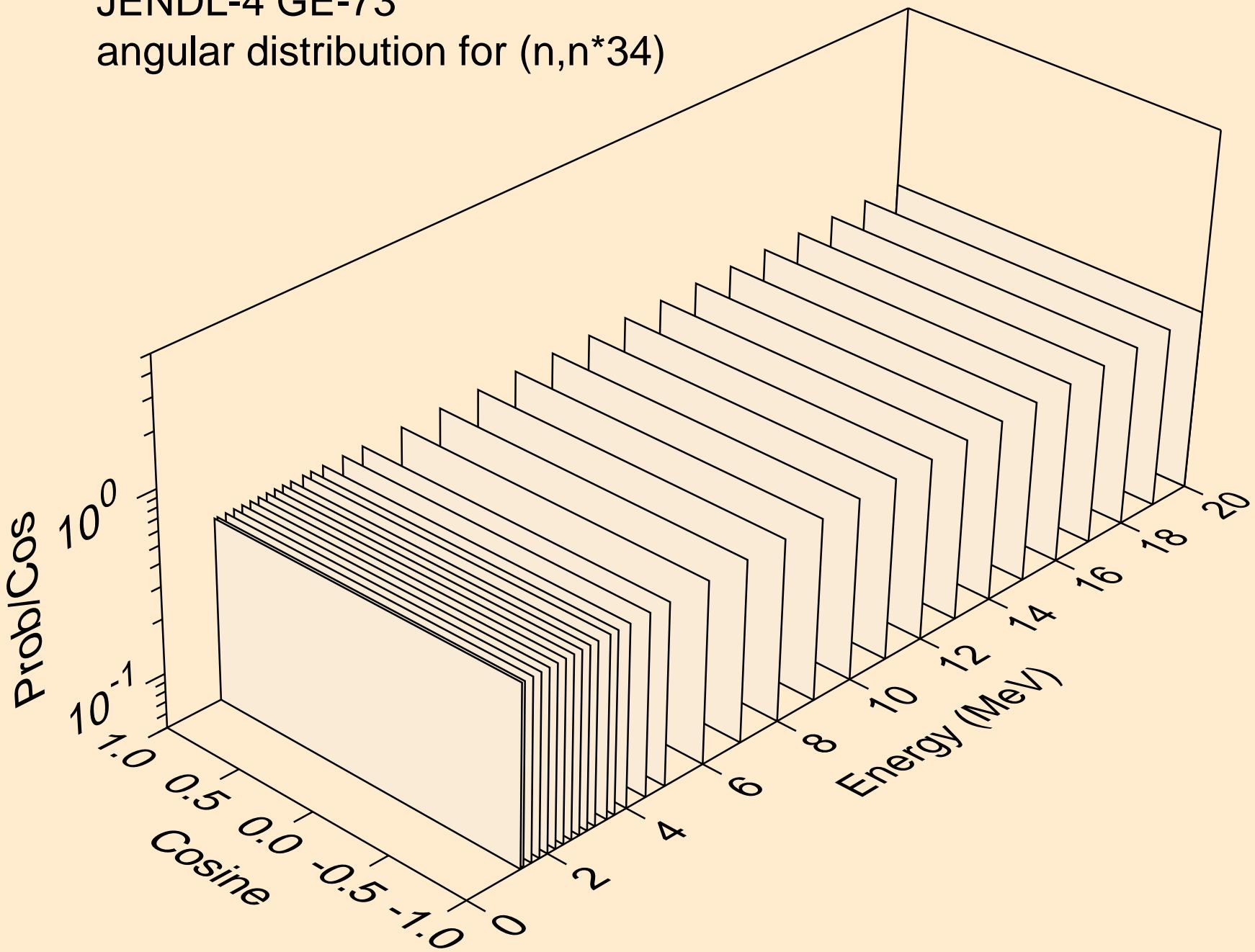
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angular distribution for ( $n, n^* 32$ )



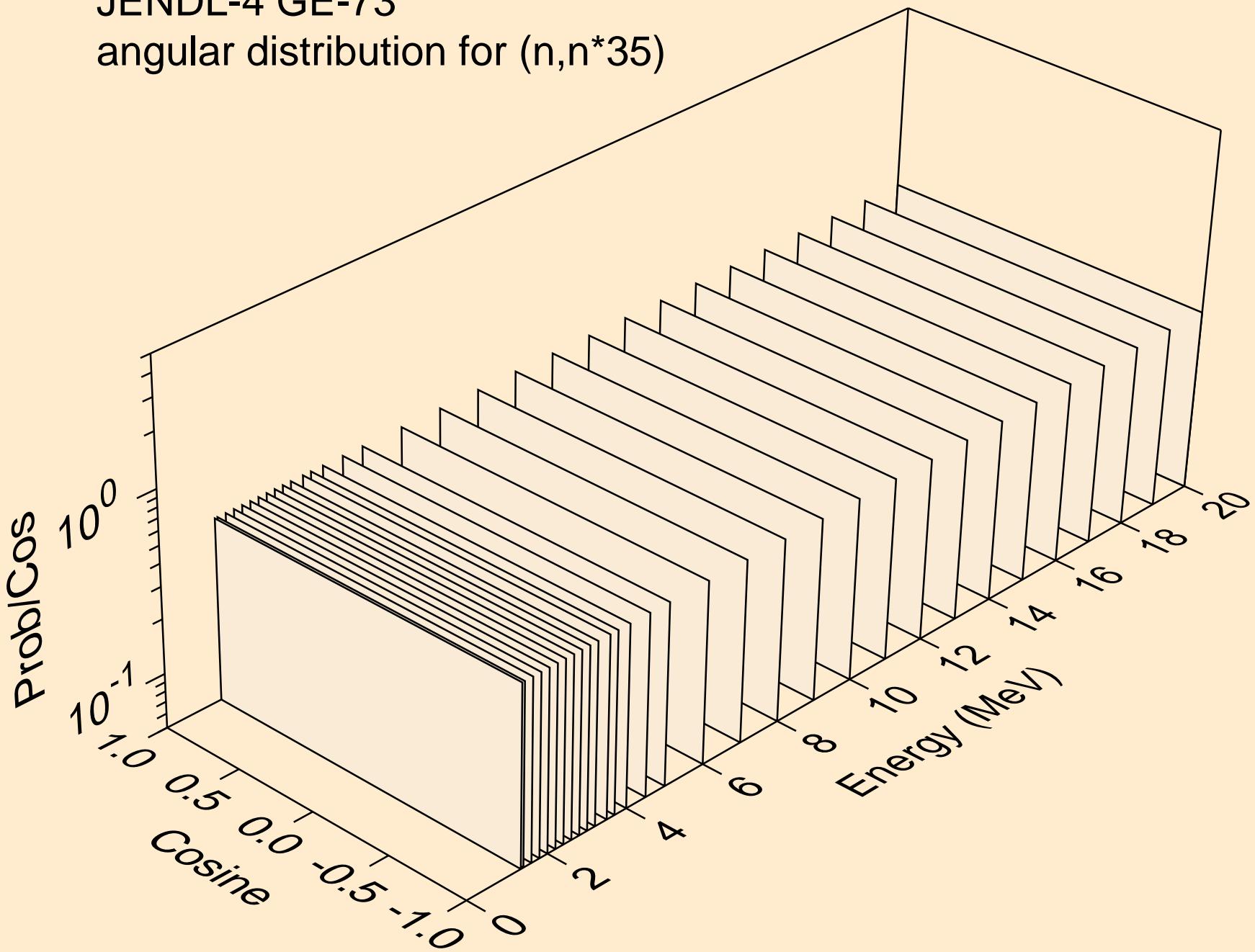
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angular distribution for ( $n, n^* 33$ )



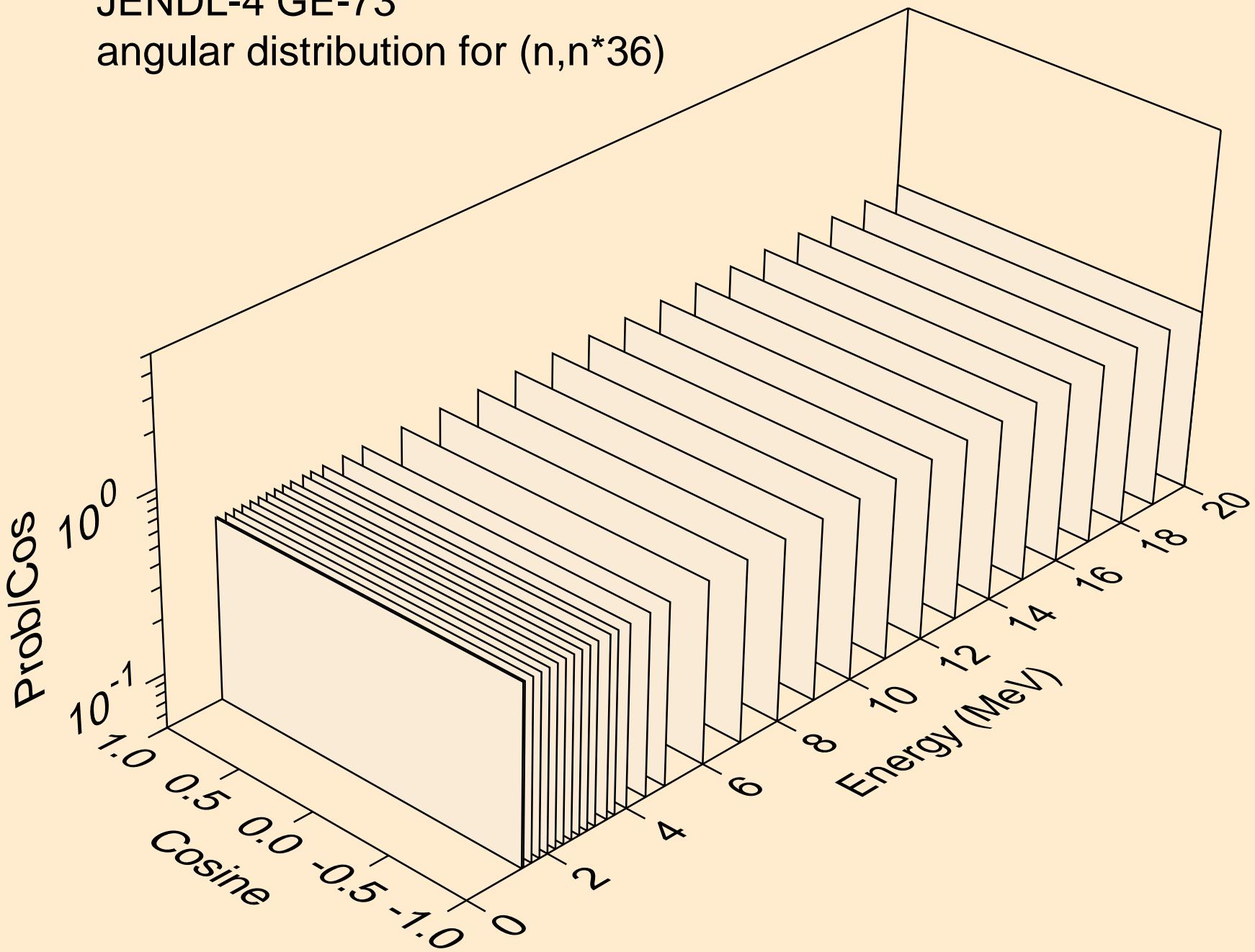
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angular distribution for ( $n, n^*34$ )



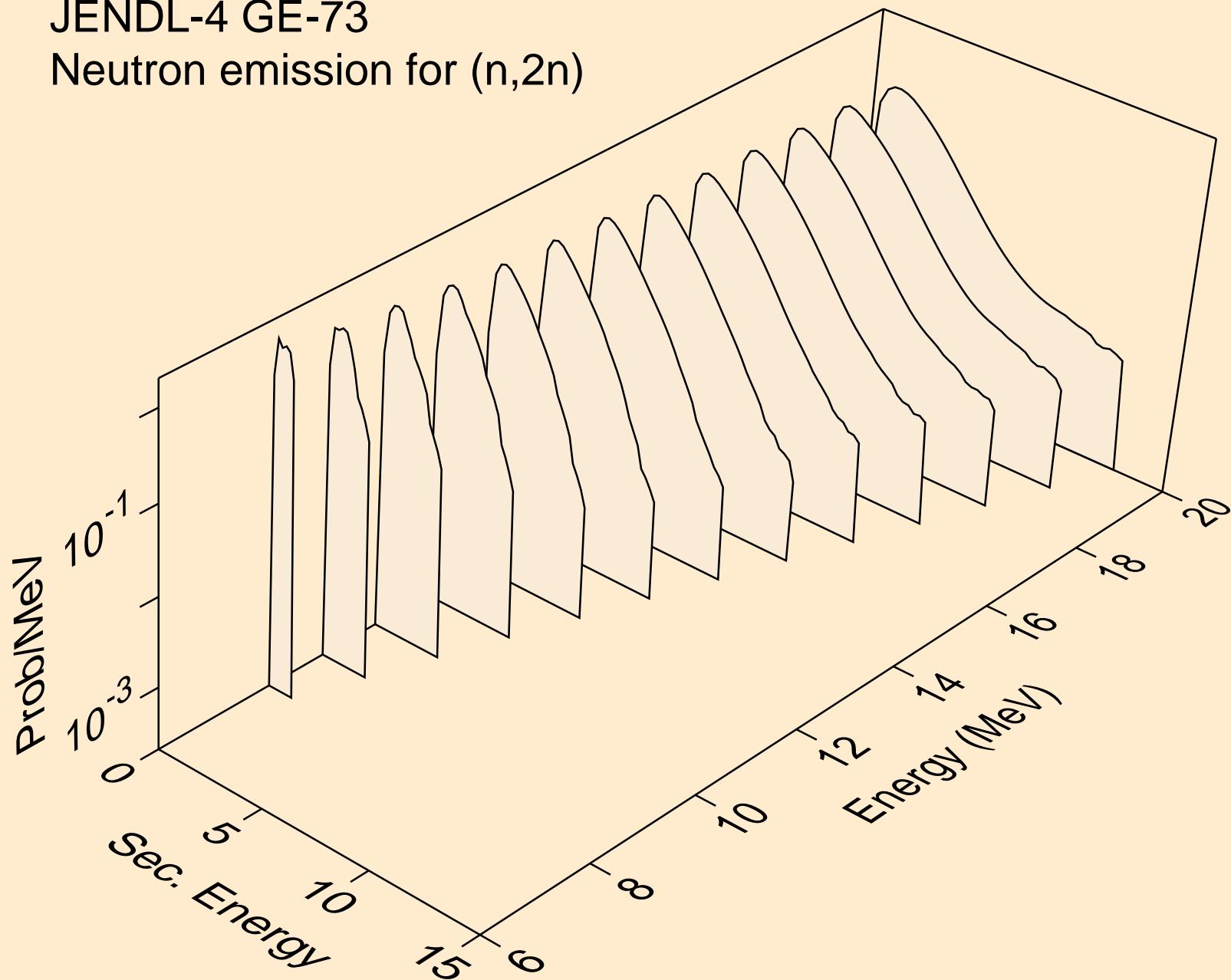
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angular distribution for ( $n, n^*35$ )



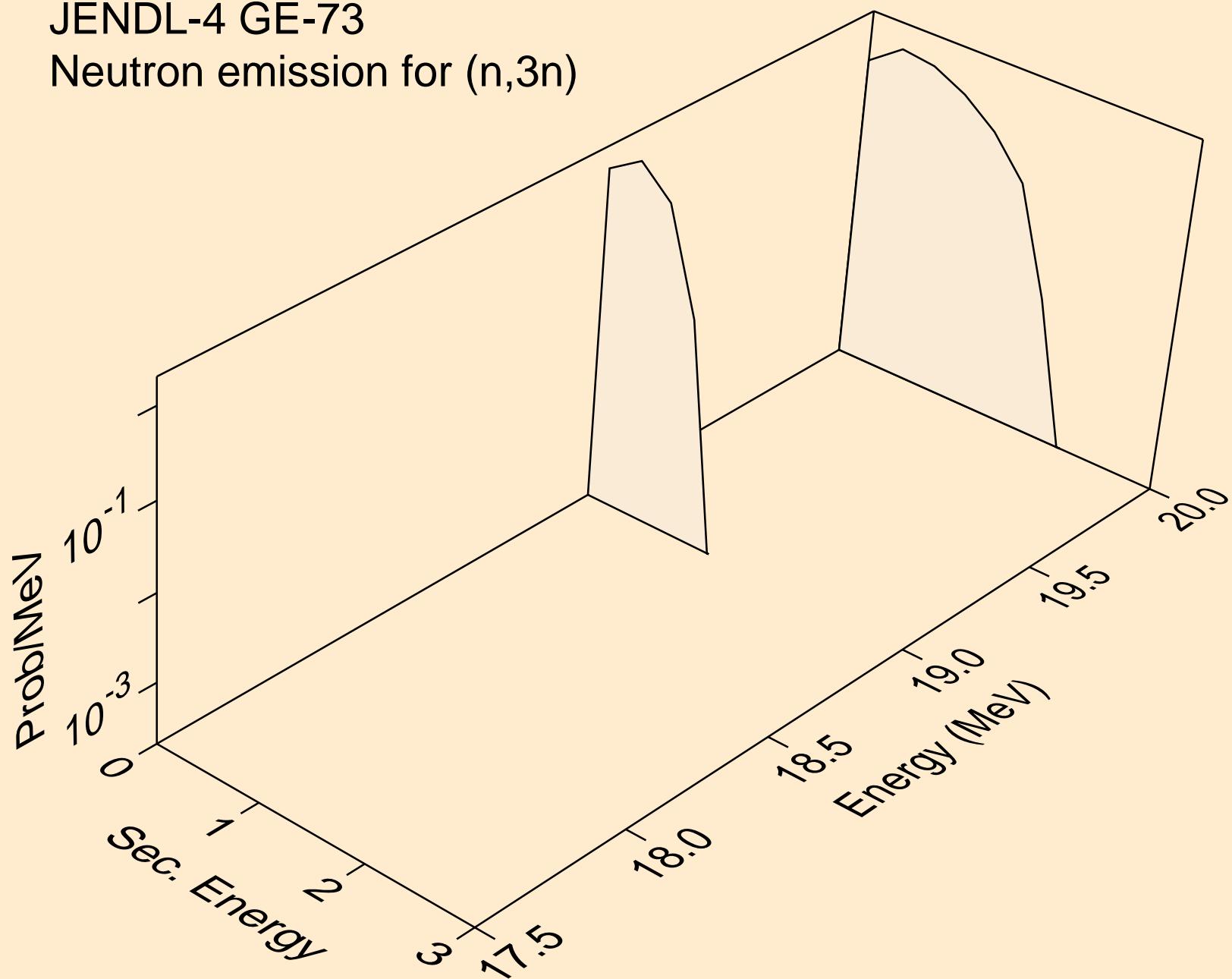
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angular distribution for ( $n, n^*36$ )



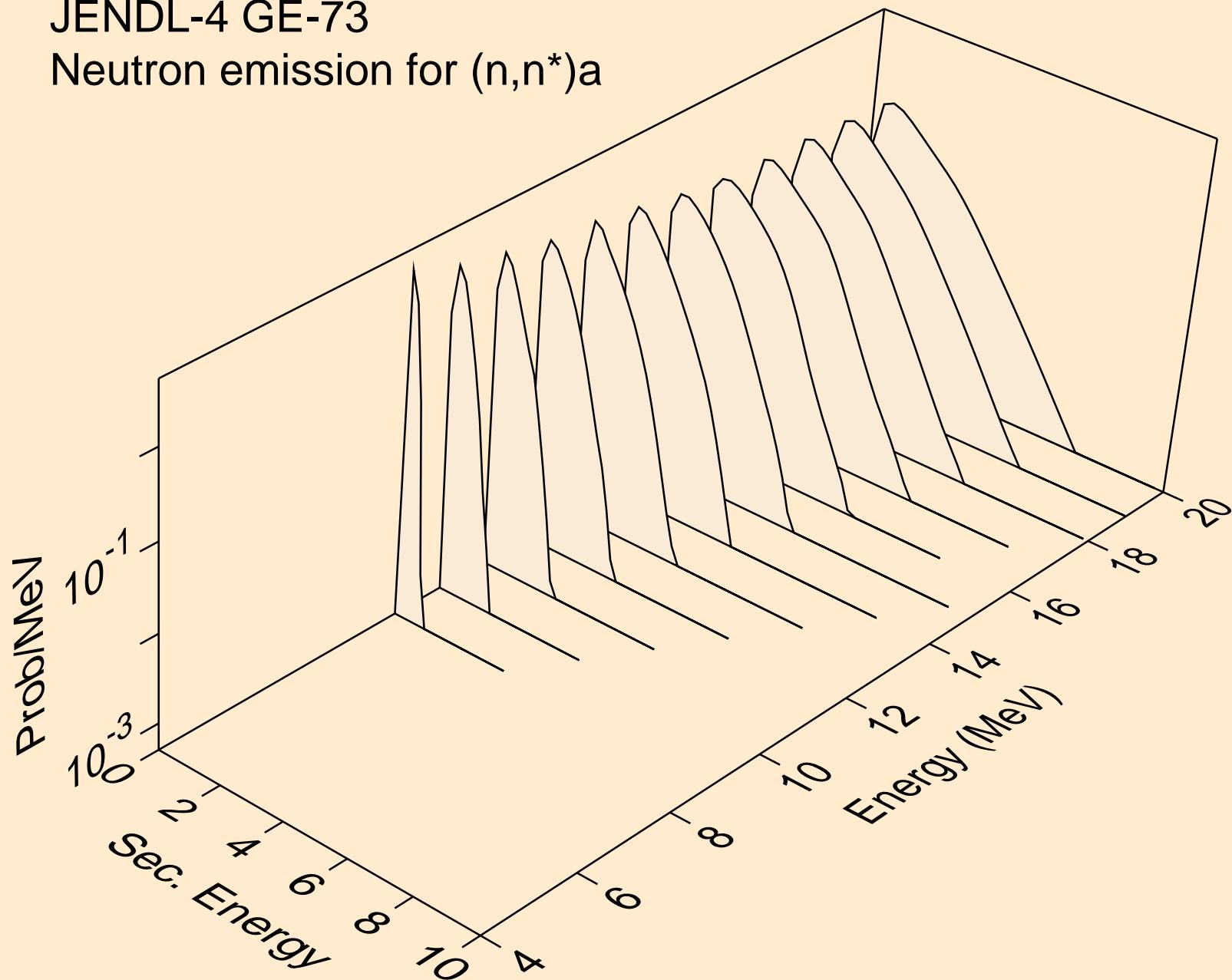
JENDL-4 GE-73  
Neutron emission for  $(n,2n)$



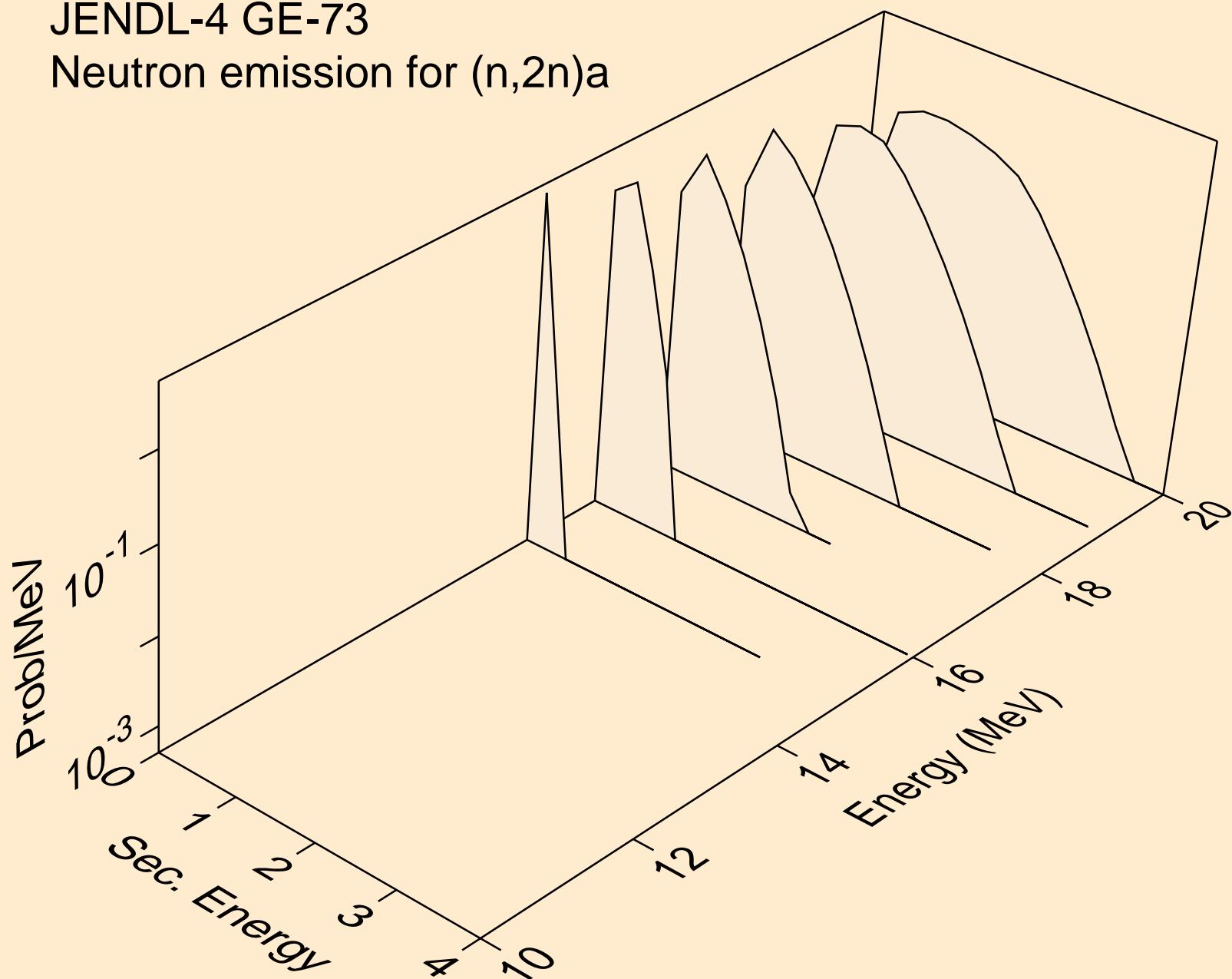
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Neutron emission for (n,3n)



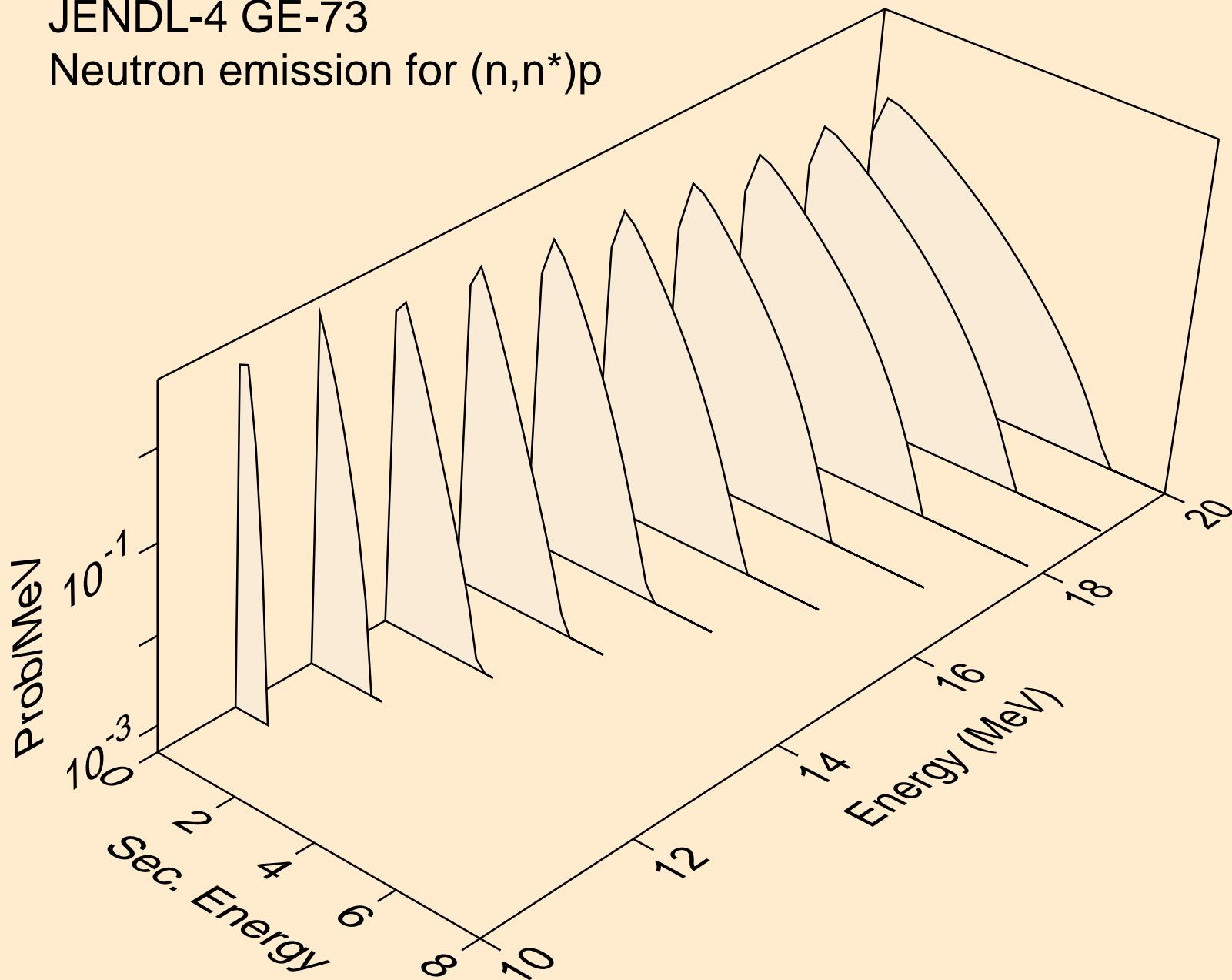
JENDL-4 GE-73  
Neutron emission for  $(n,n^*)a$



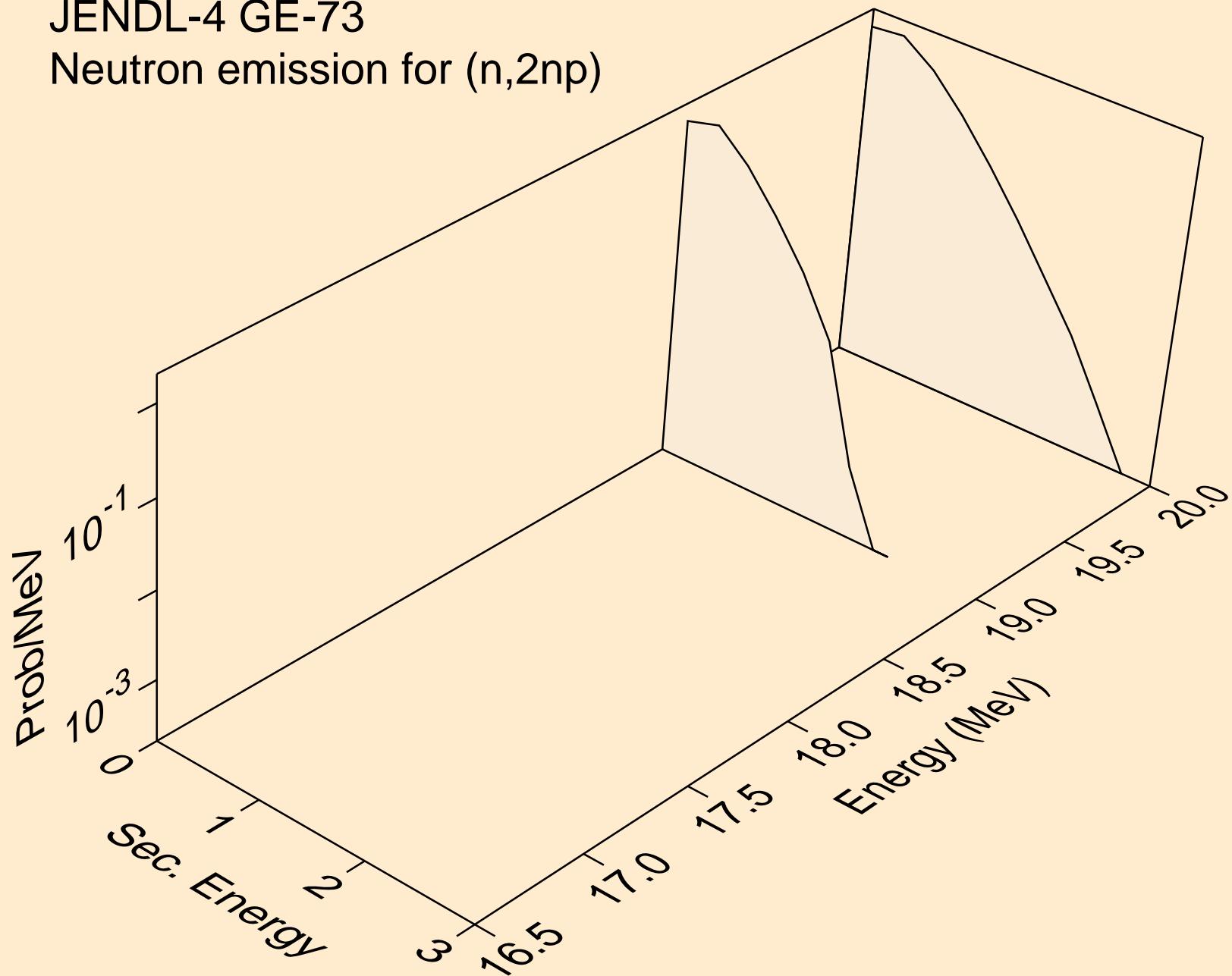
JENDL-4 GE-73  
Neutron emission for  $(n,2n)a$



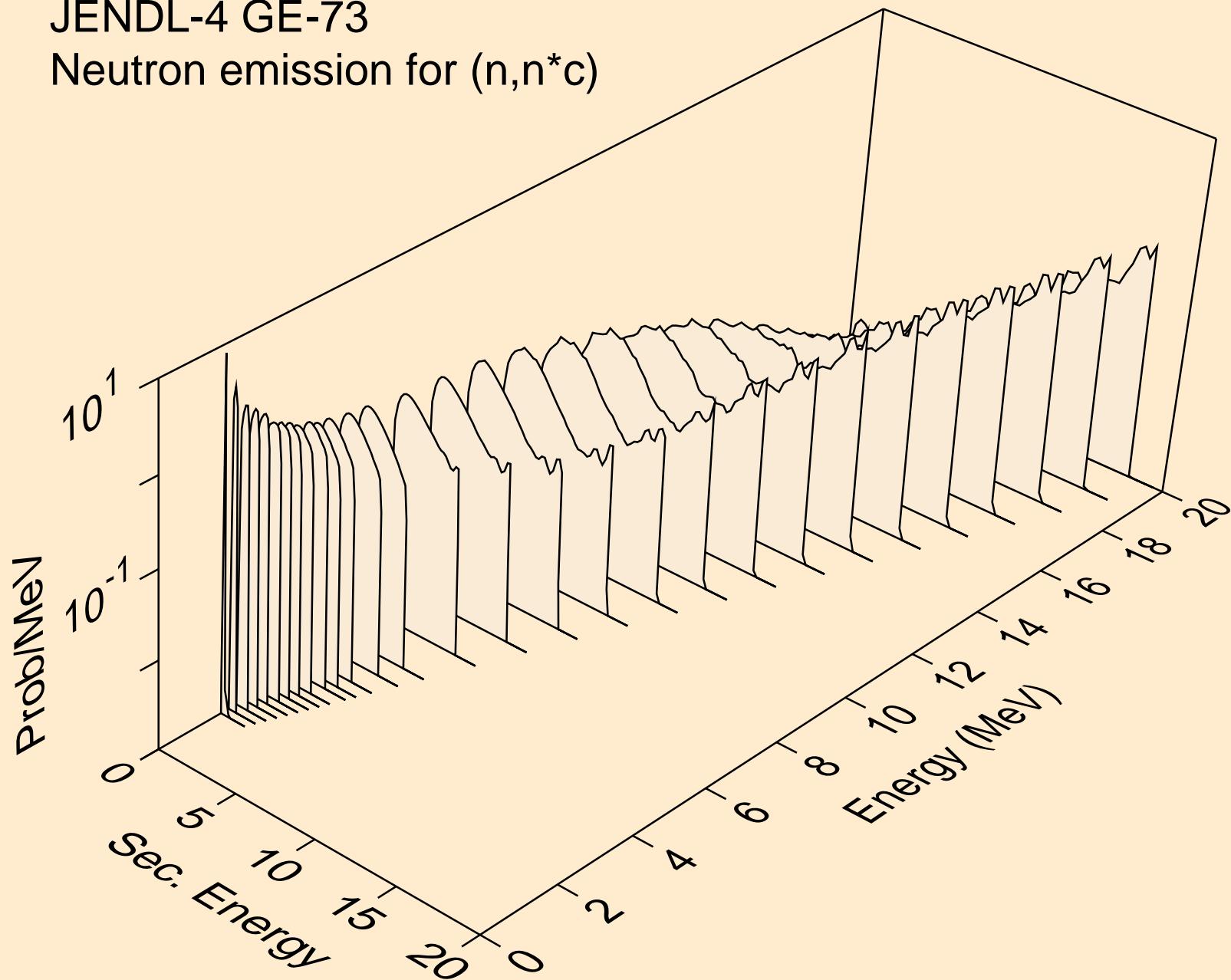
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Neutron emission for  $(n,n^*)p$



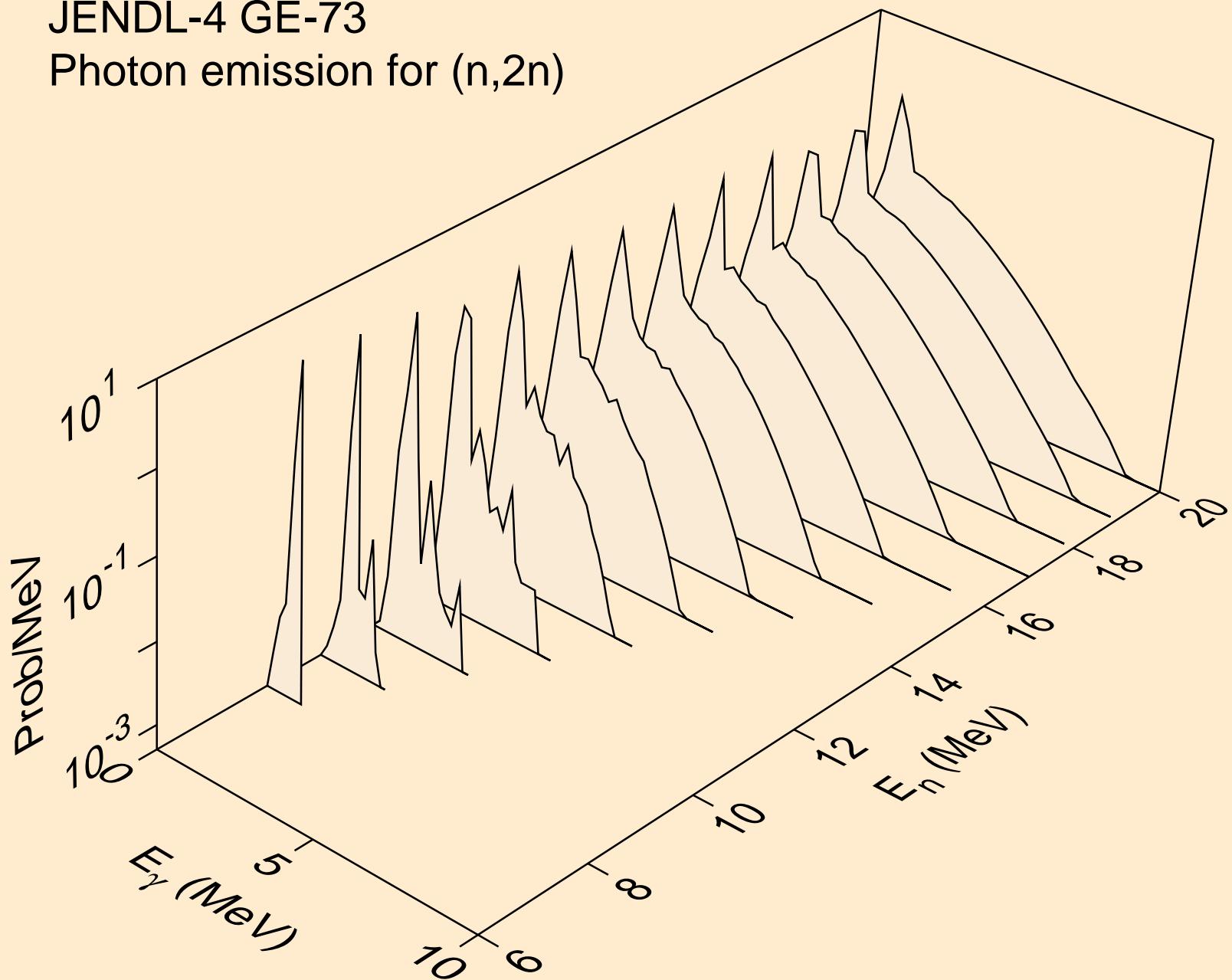
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Neutron emission for (n,2np)



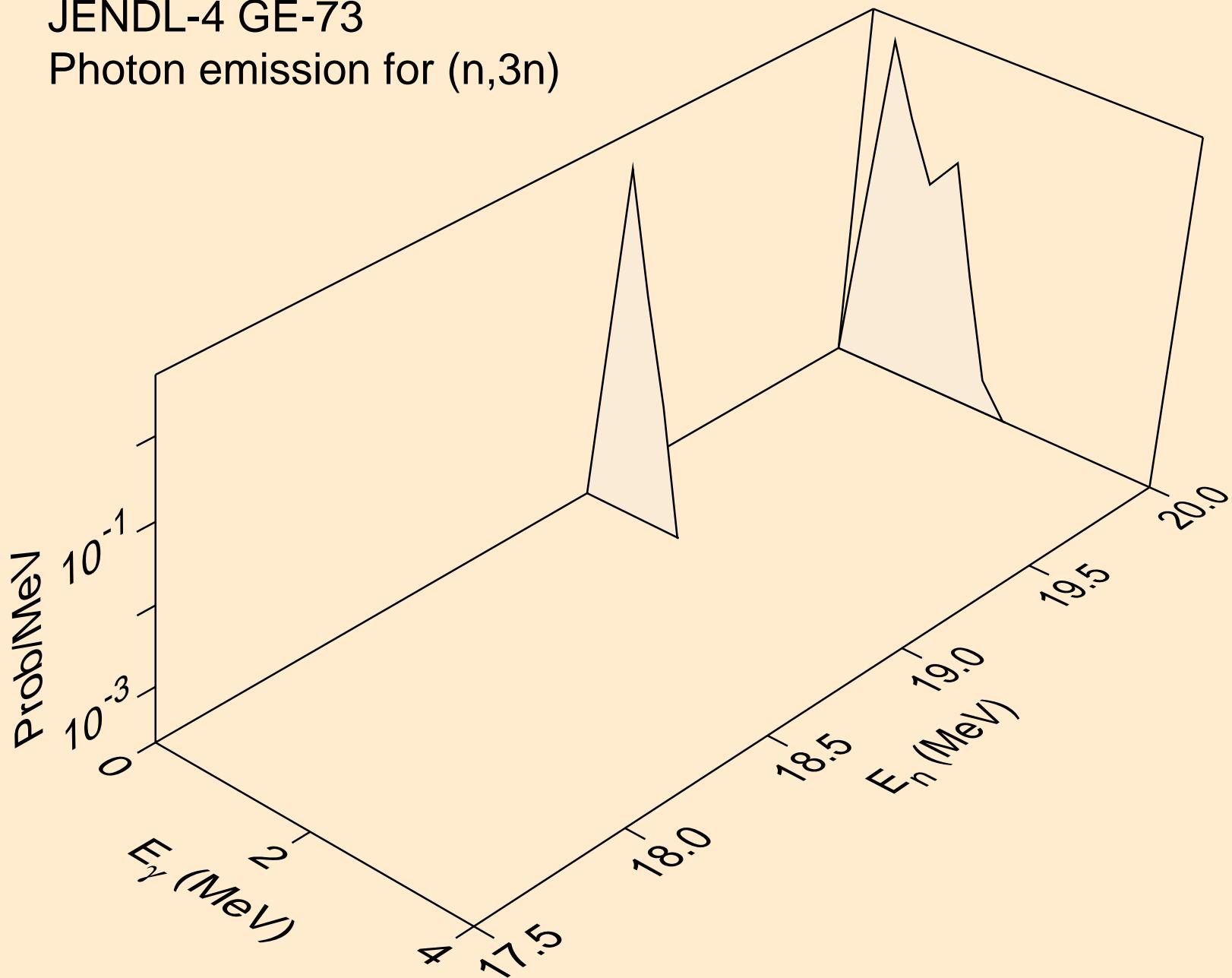
JENDL-4 GE-73  
Neutron emission for  $(n,n^*c)$



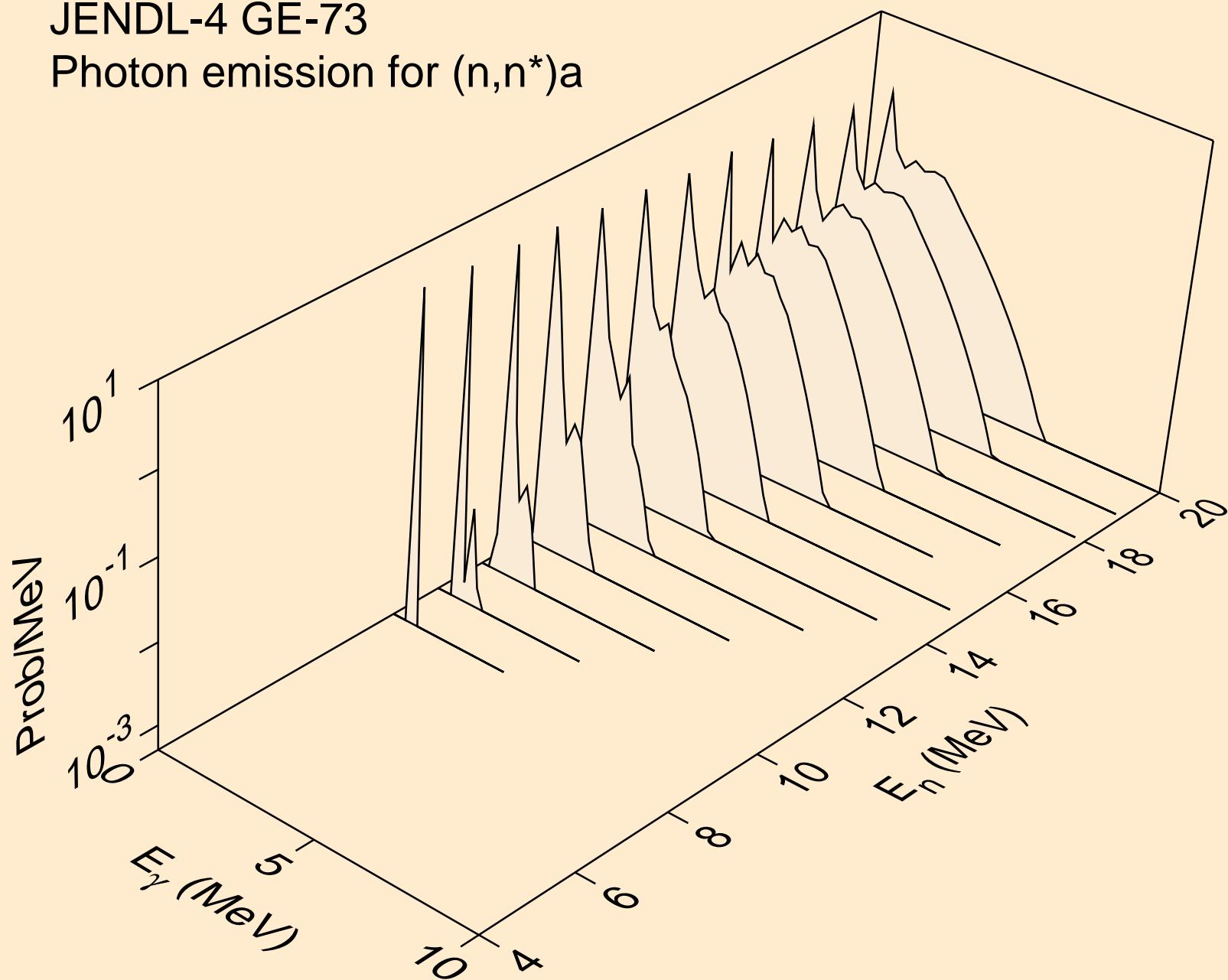
JENDL-4 GE-73  
Photon emission for (n,2n)



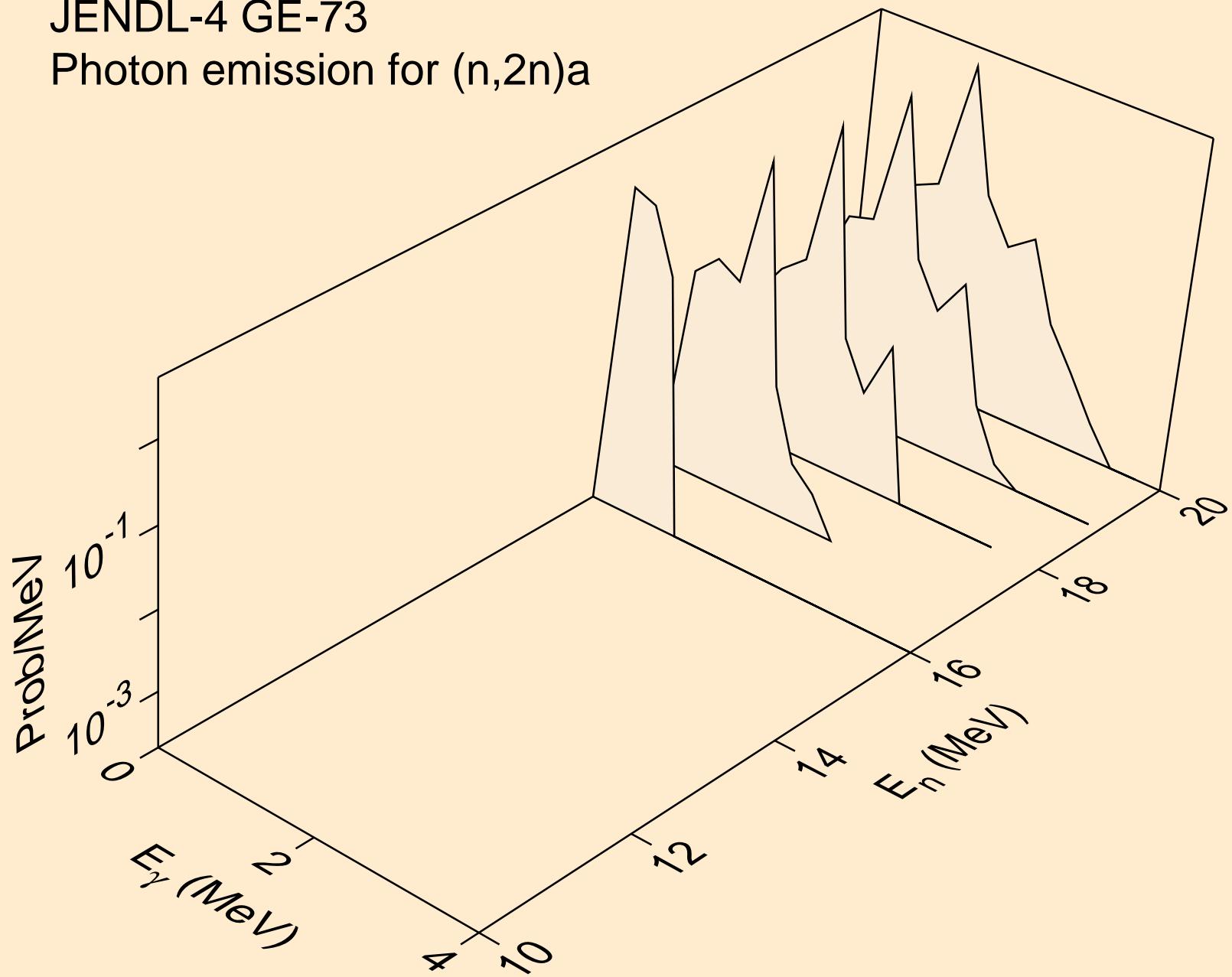
JENDL-4 GE-73  
Photon emission for (n,3n)



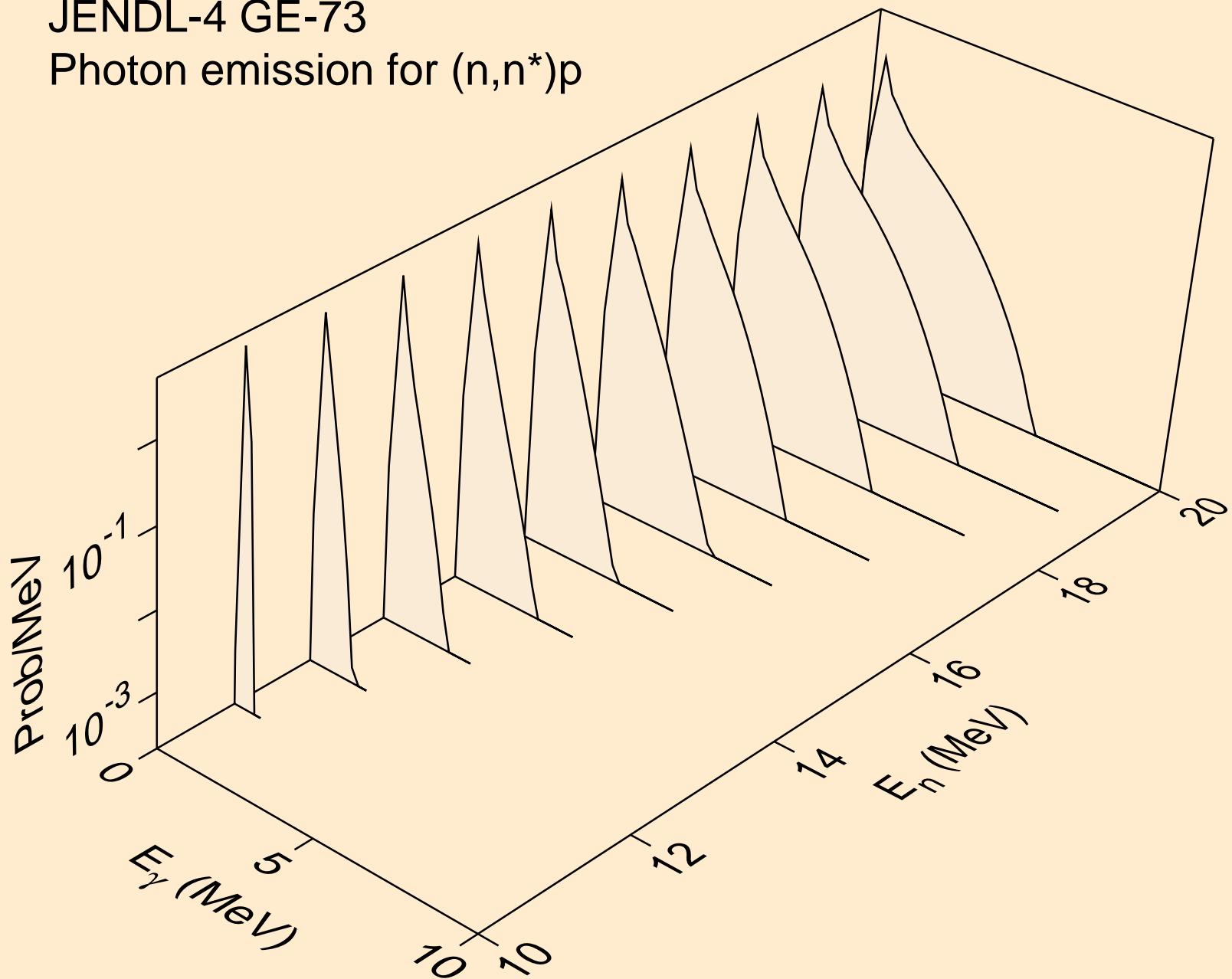
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Photon emission for  $(n,n^*)a$



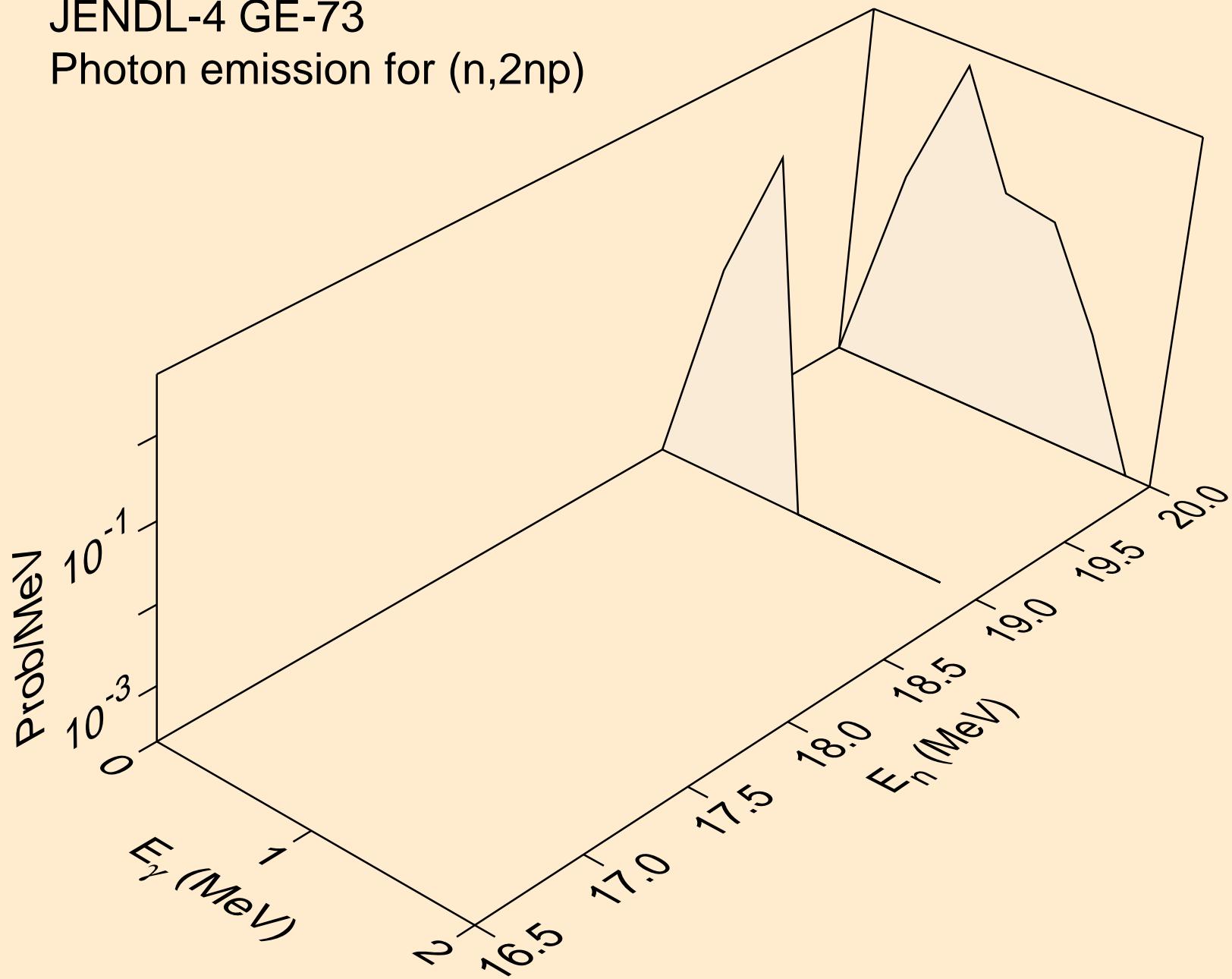
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Photon emission for  $(n,2n)a$



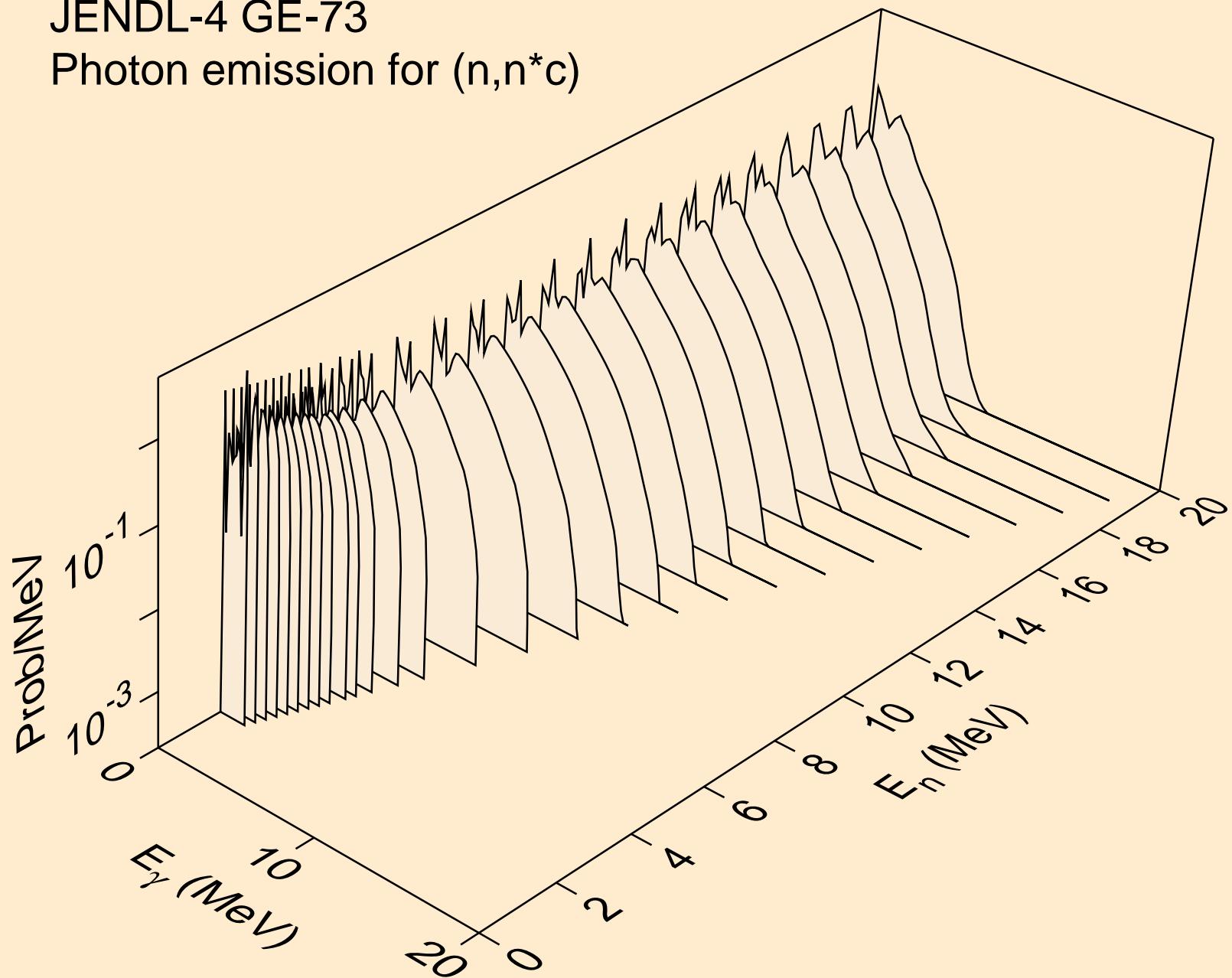
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Photon emission for  $(n,n^*)p$



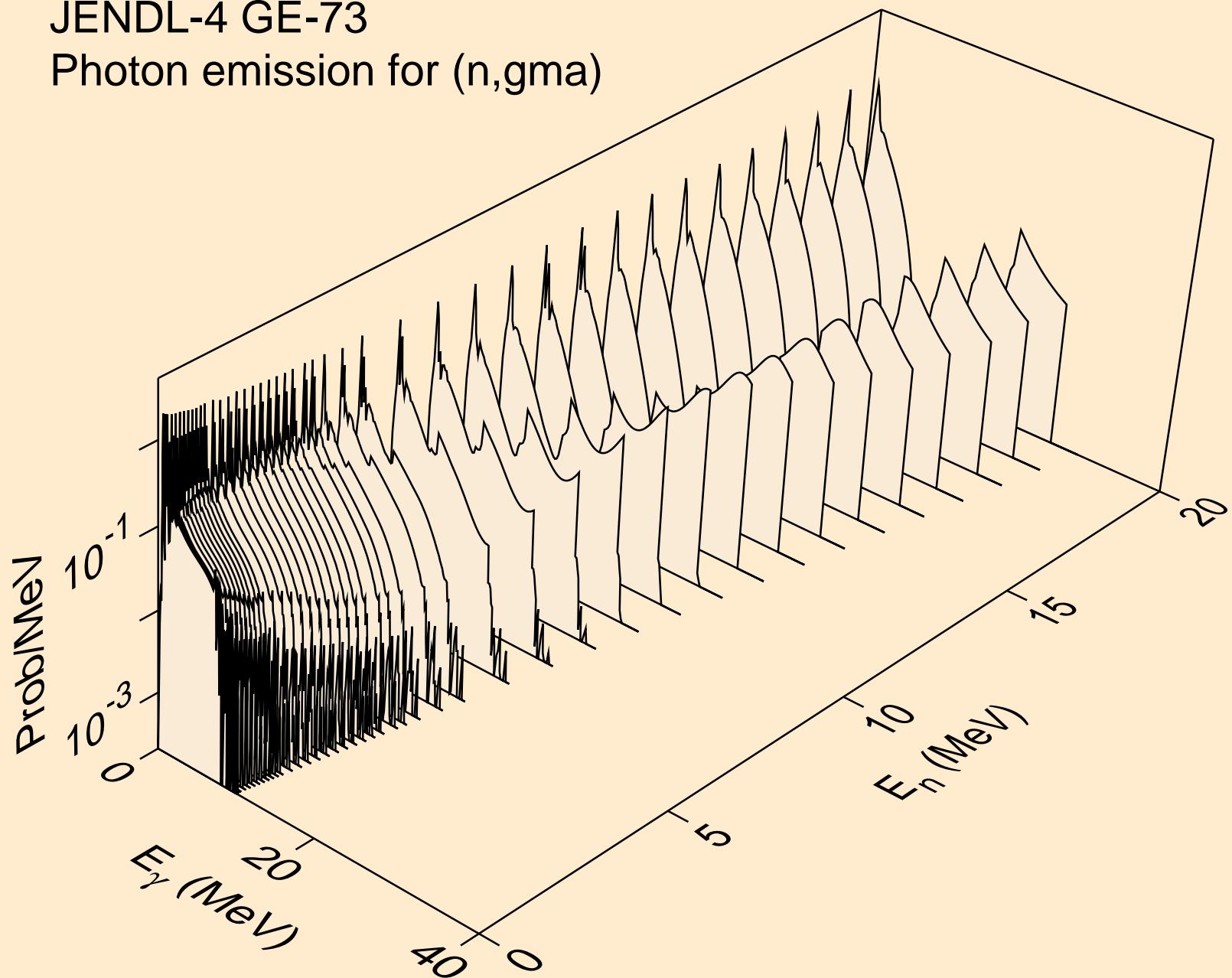
JENDL-4 GE-73  
Photon emission for ( $n,2np$ )



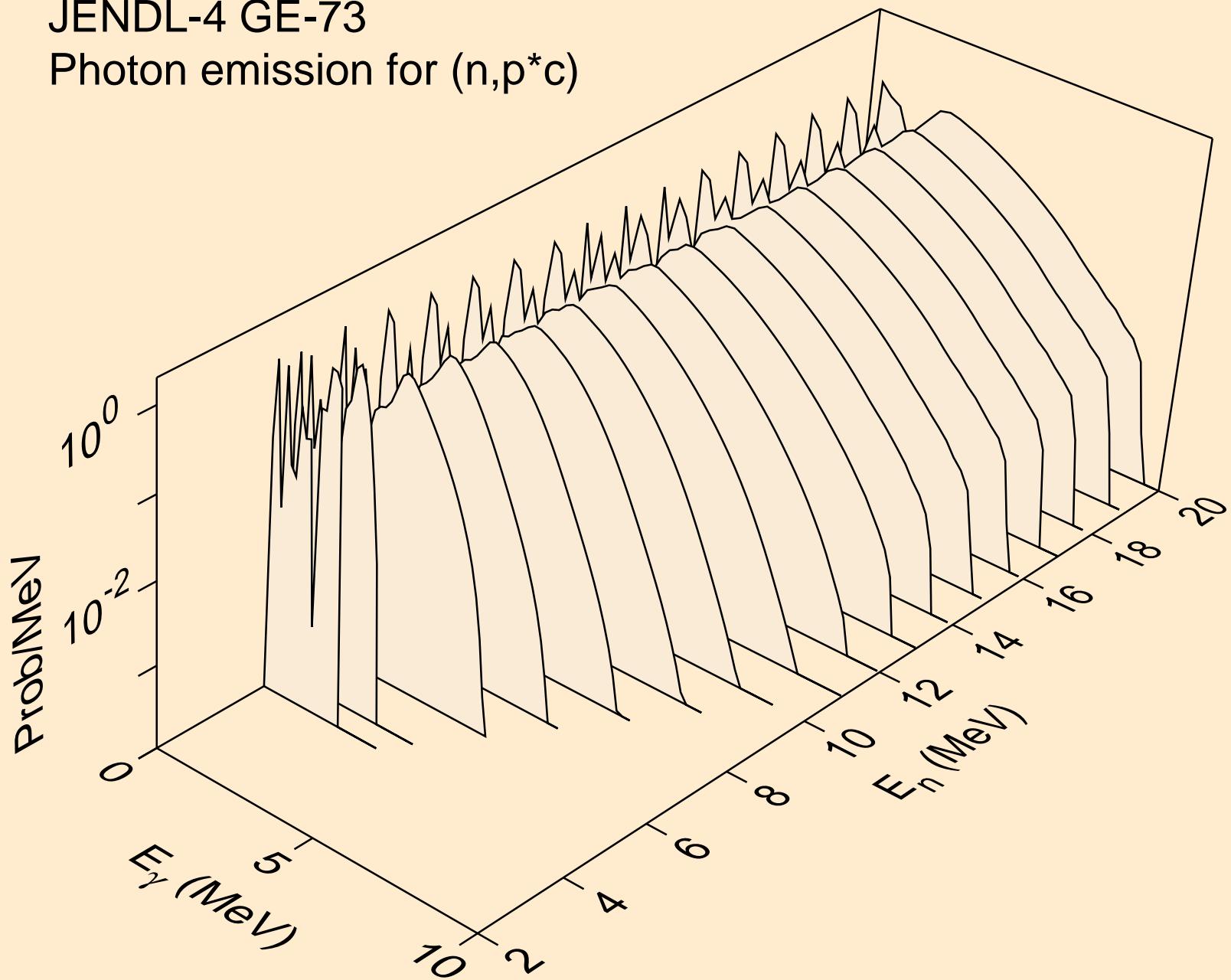
JENDL-4 GE-73  
Photon emission for  $(n,n^*c)$



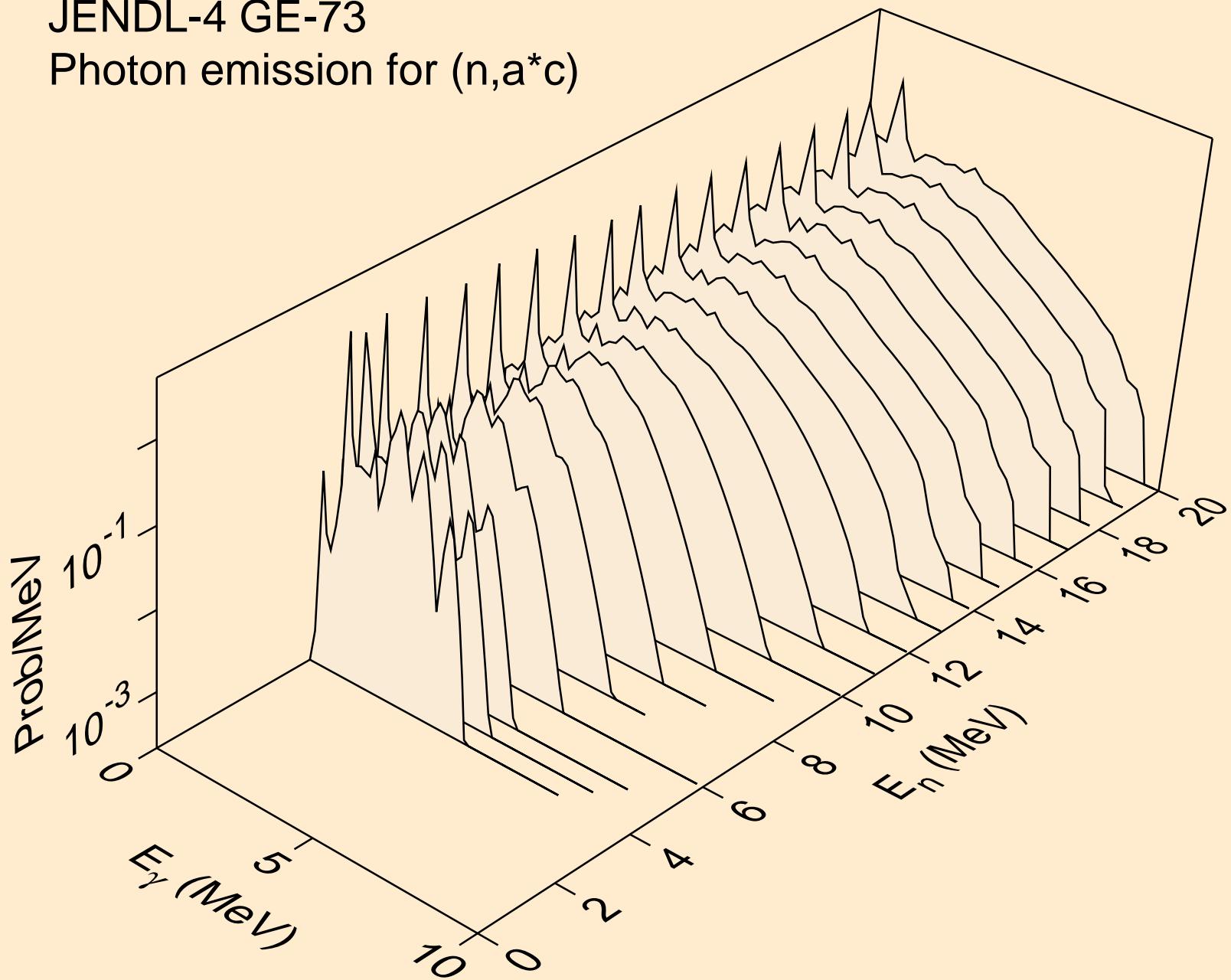
JENDL-4 GE-73  
Photon emission for (n,gma)



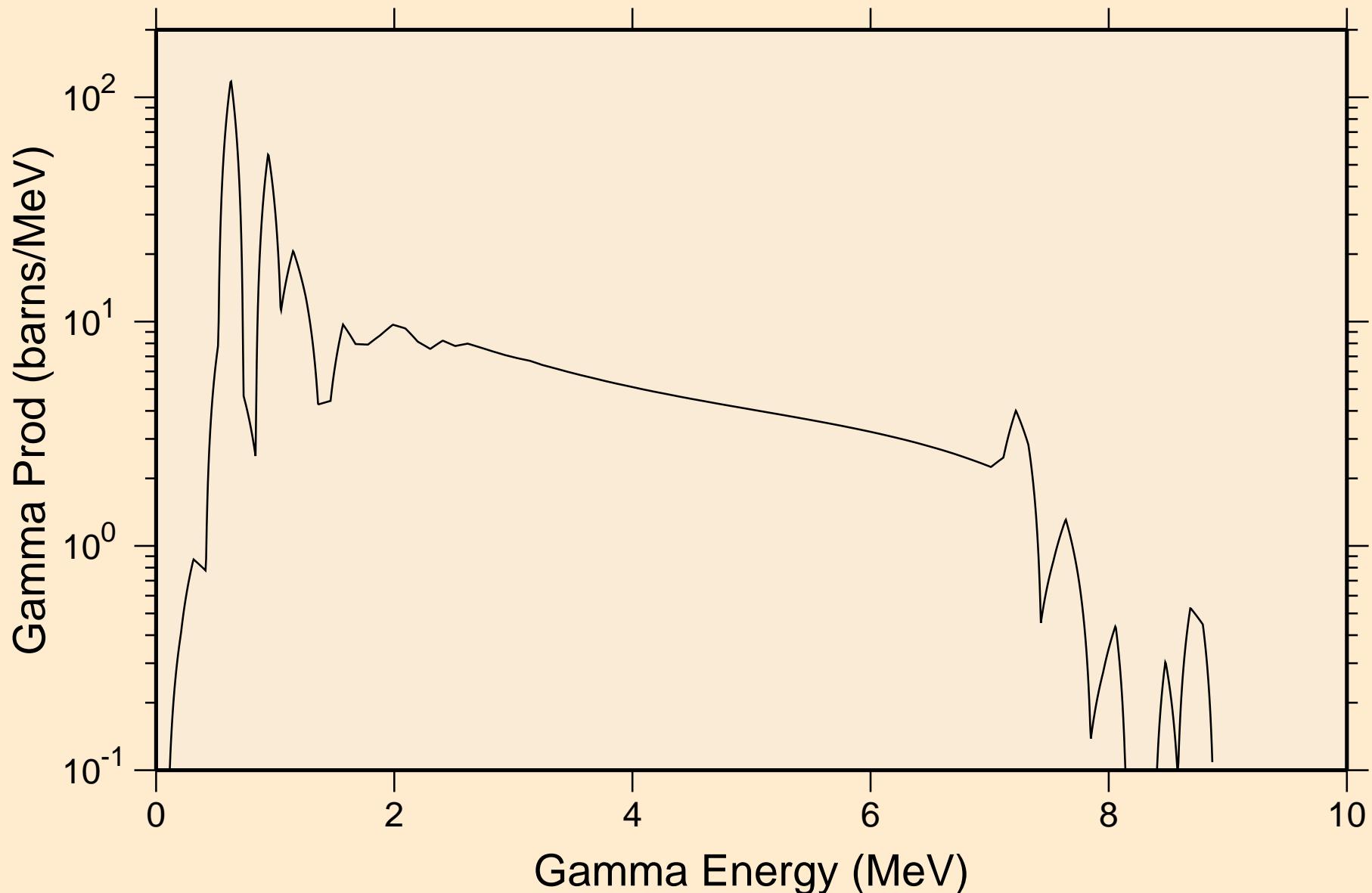
JENDL-4 GE-73  
Photon emission for  $(n, p^* c)$



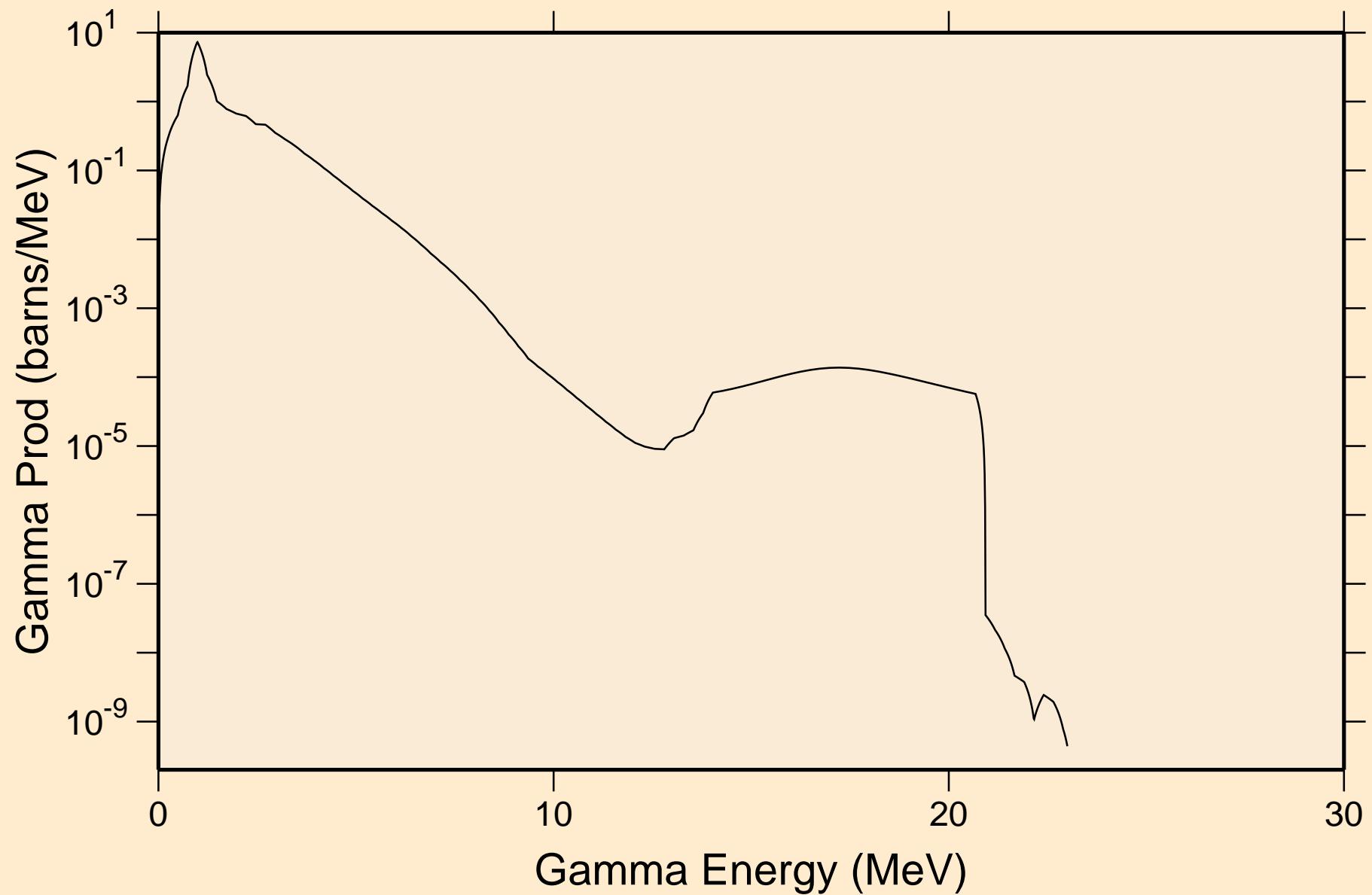
JENDL-4 GE-73  
Photon emission for  $(n, a^*c)$



JENDL-4 GE-73  
thermal capture photon spectrum

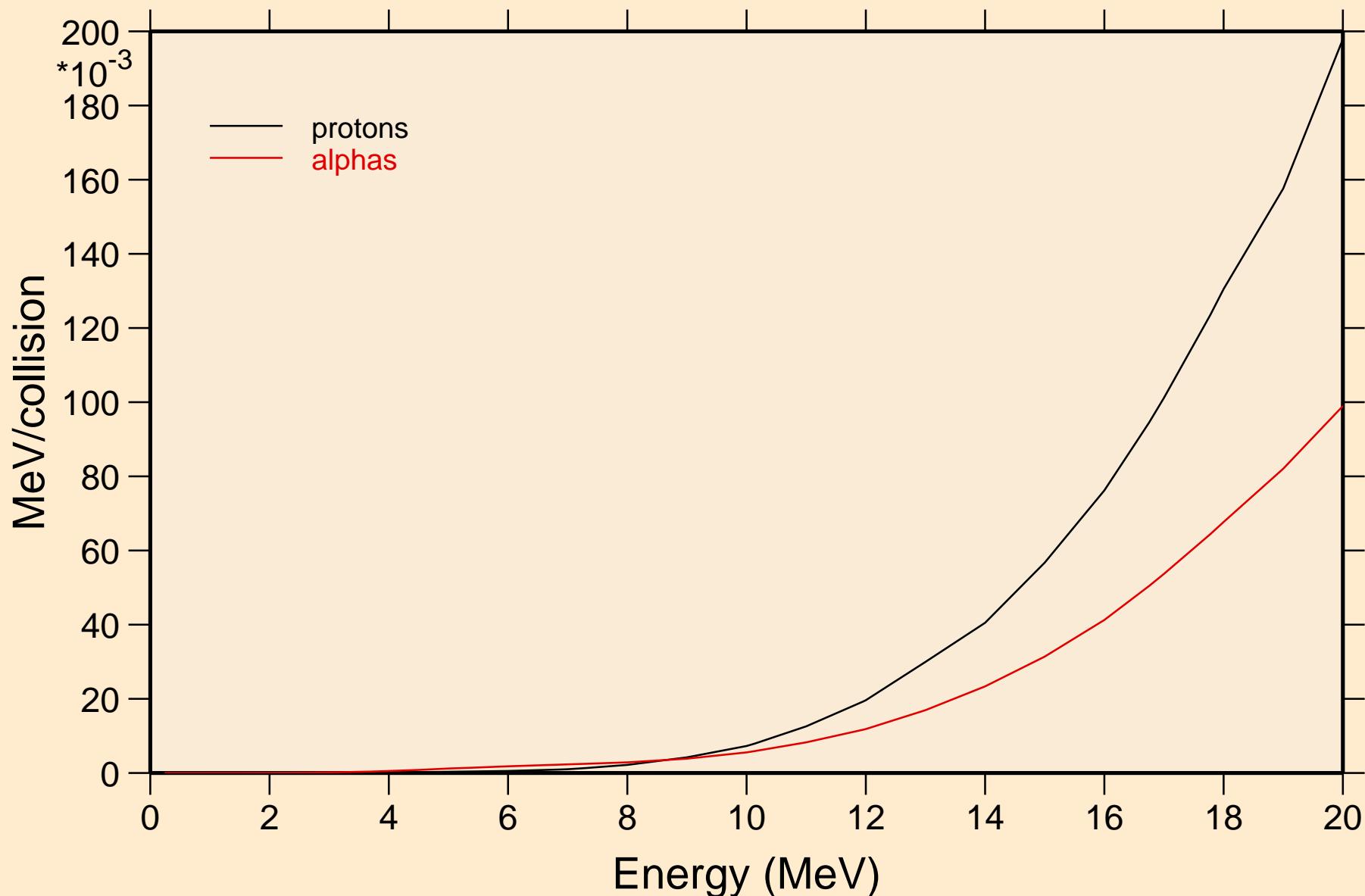


JENDL-4 GE-73  
14 MeV photon spectrum

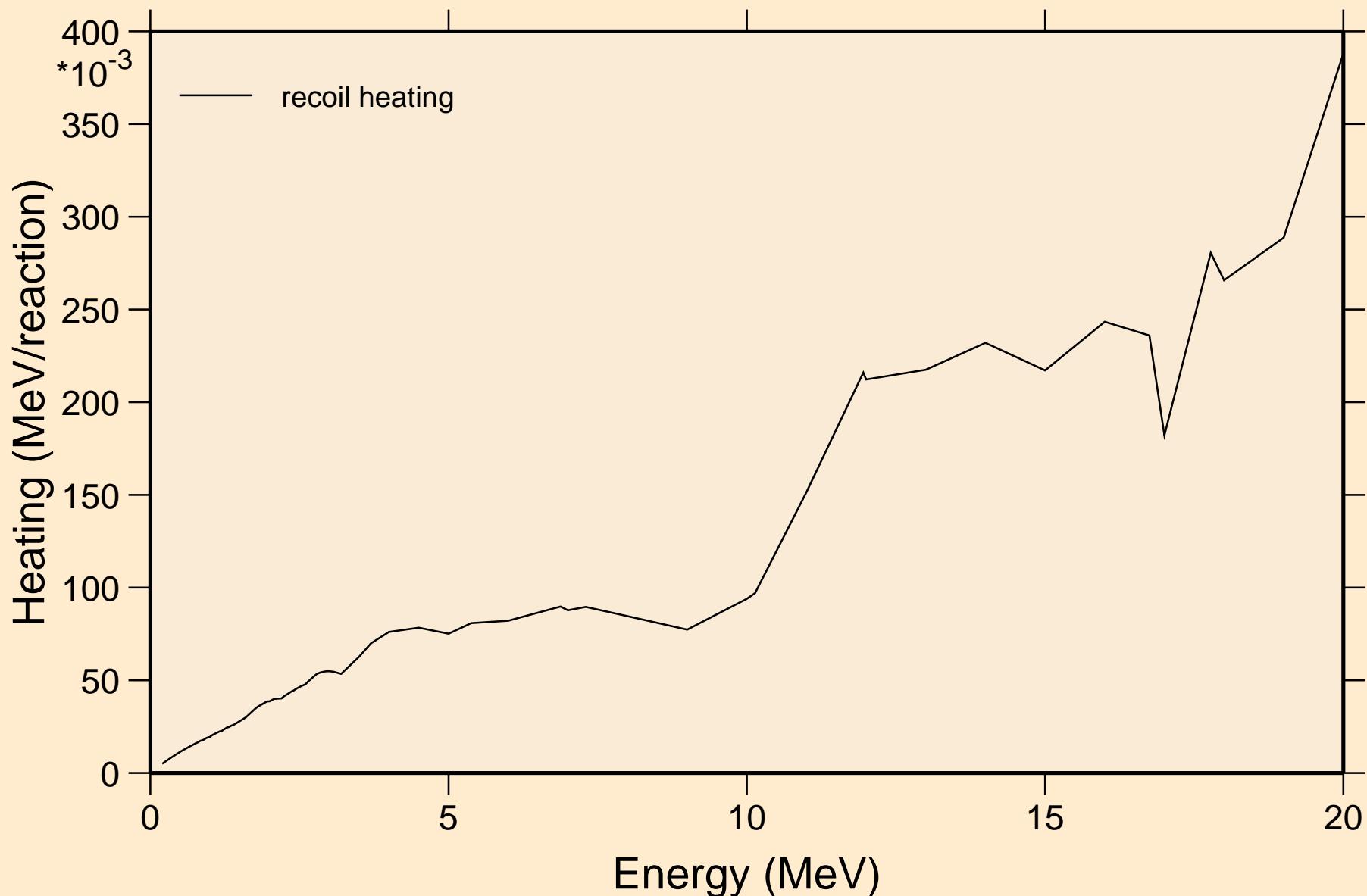


# JENDL-4 GE-73

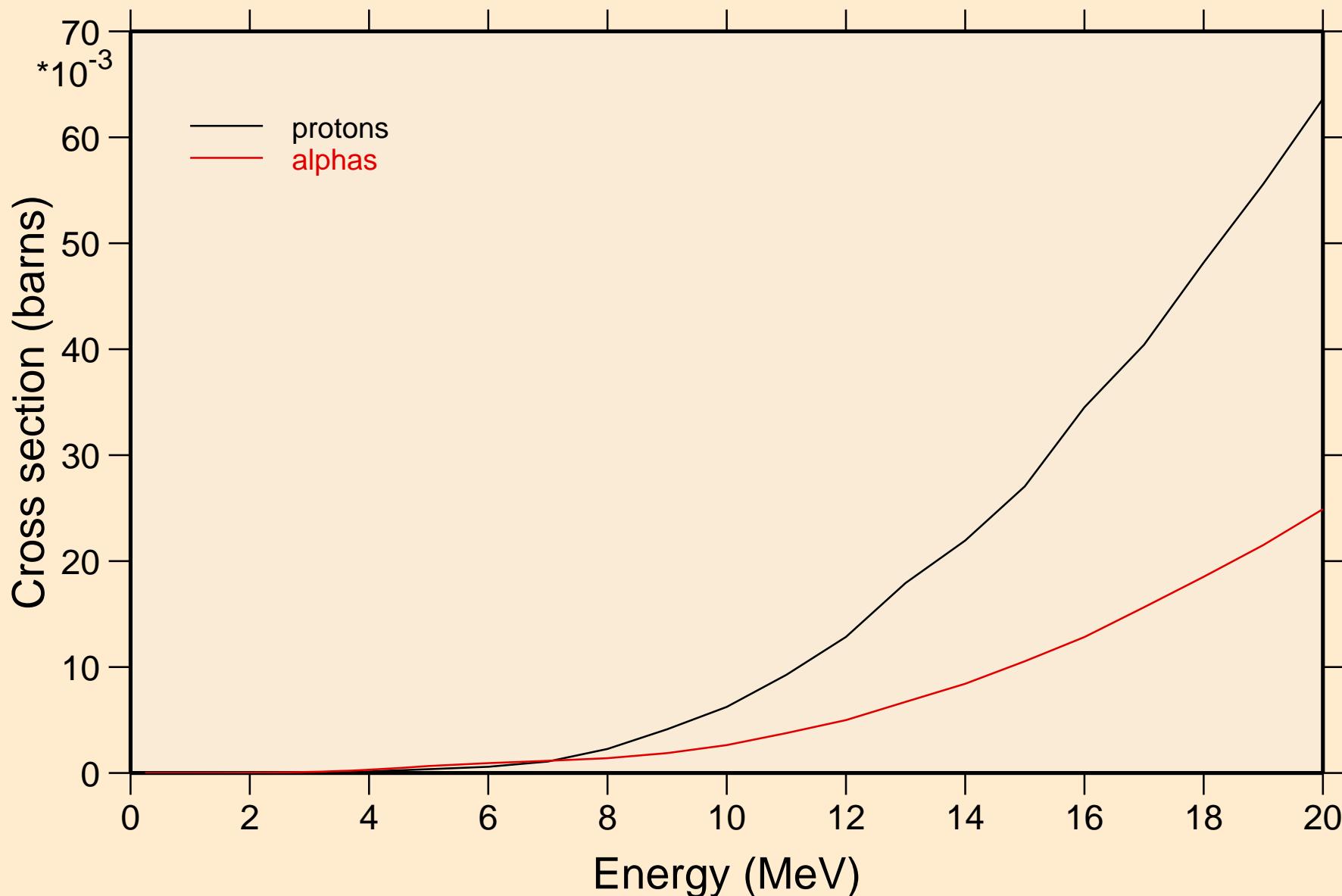
## Particle heating contributions



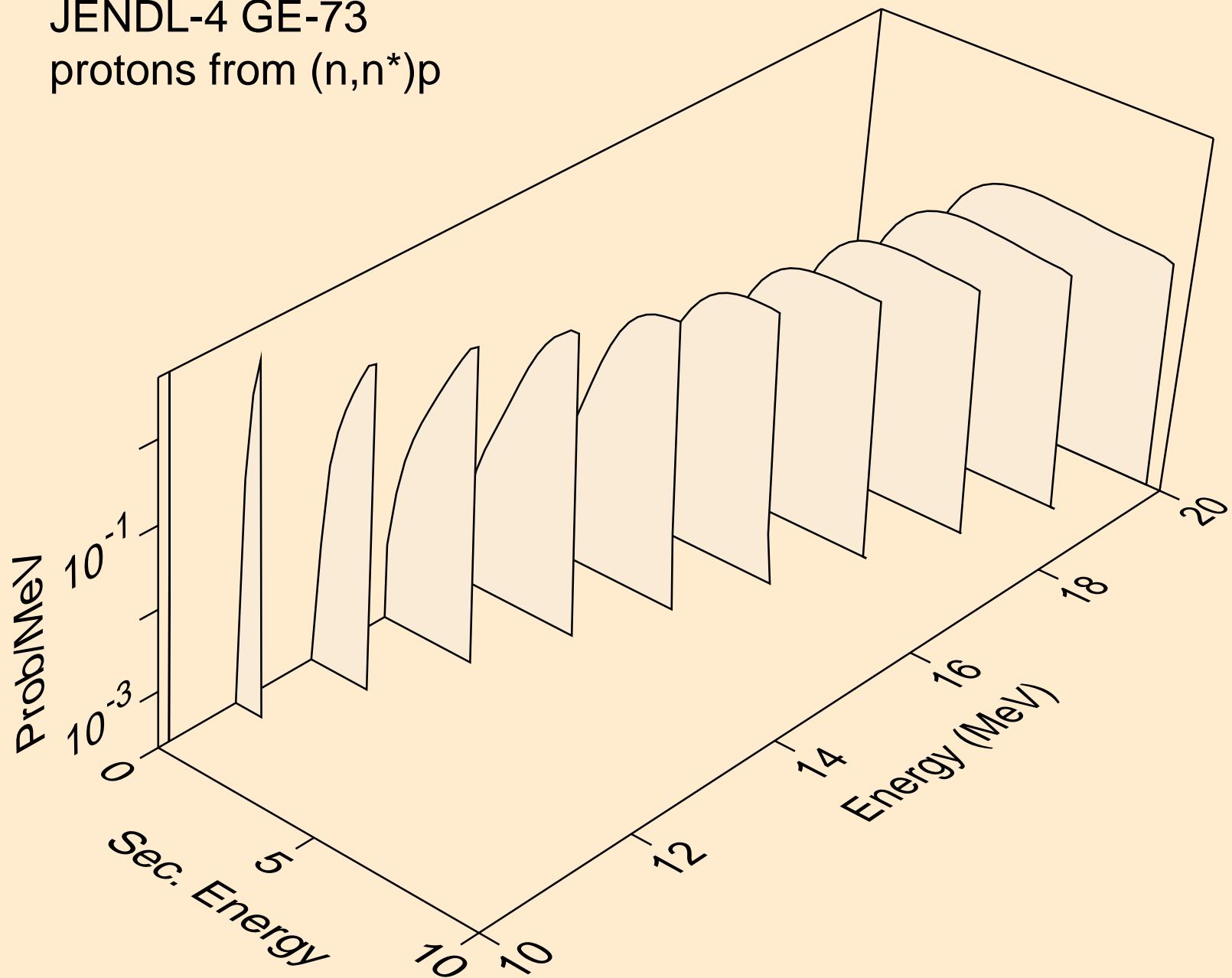
JENDL-4 GE-73  
Recoil Heating



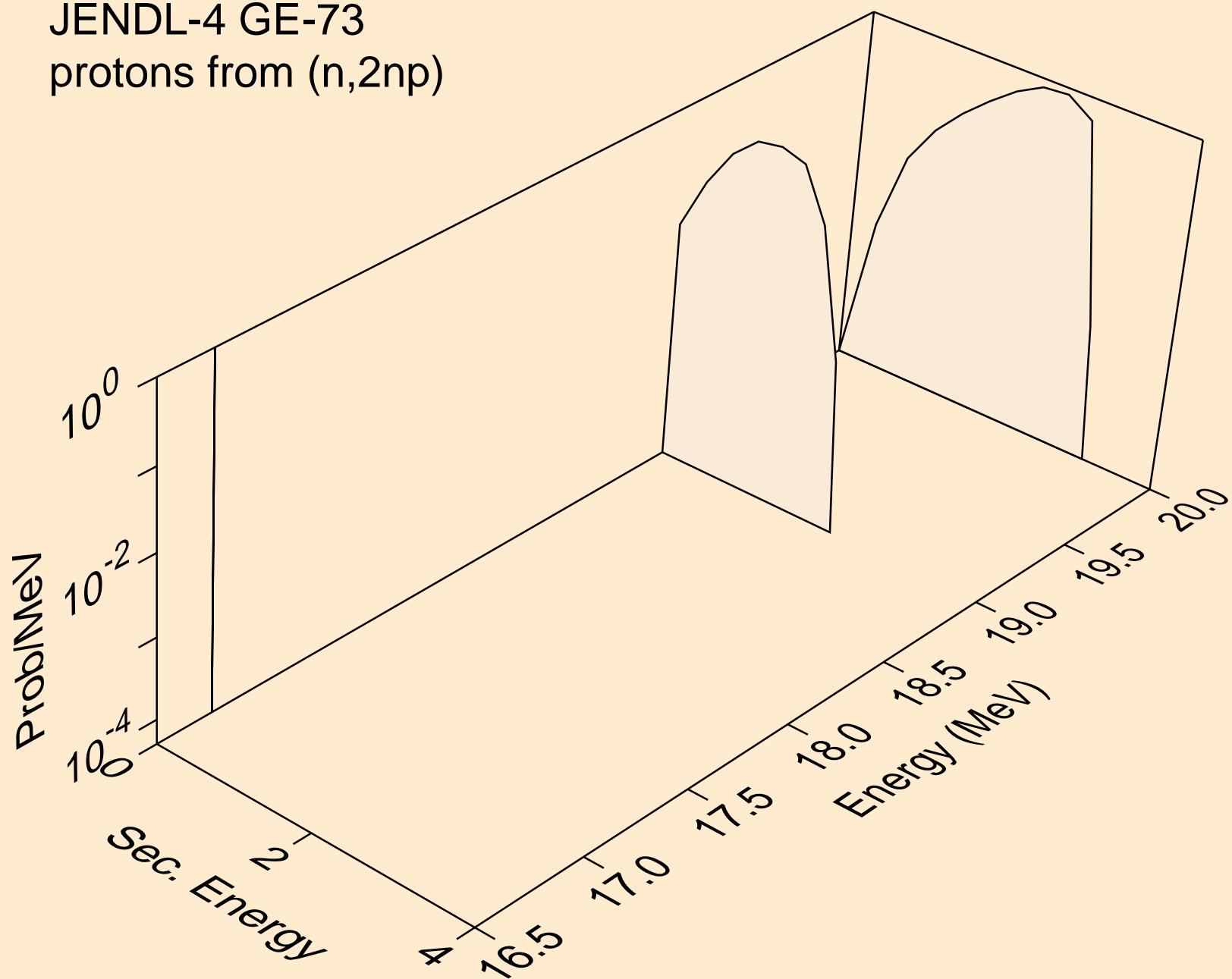
JENDL-4 GE-73  
Particle production cross sections



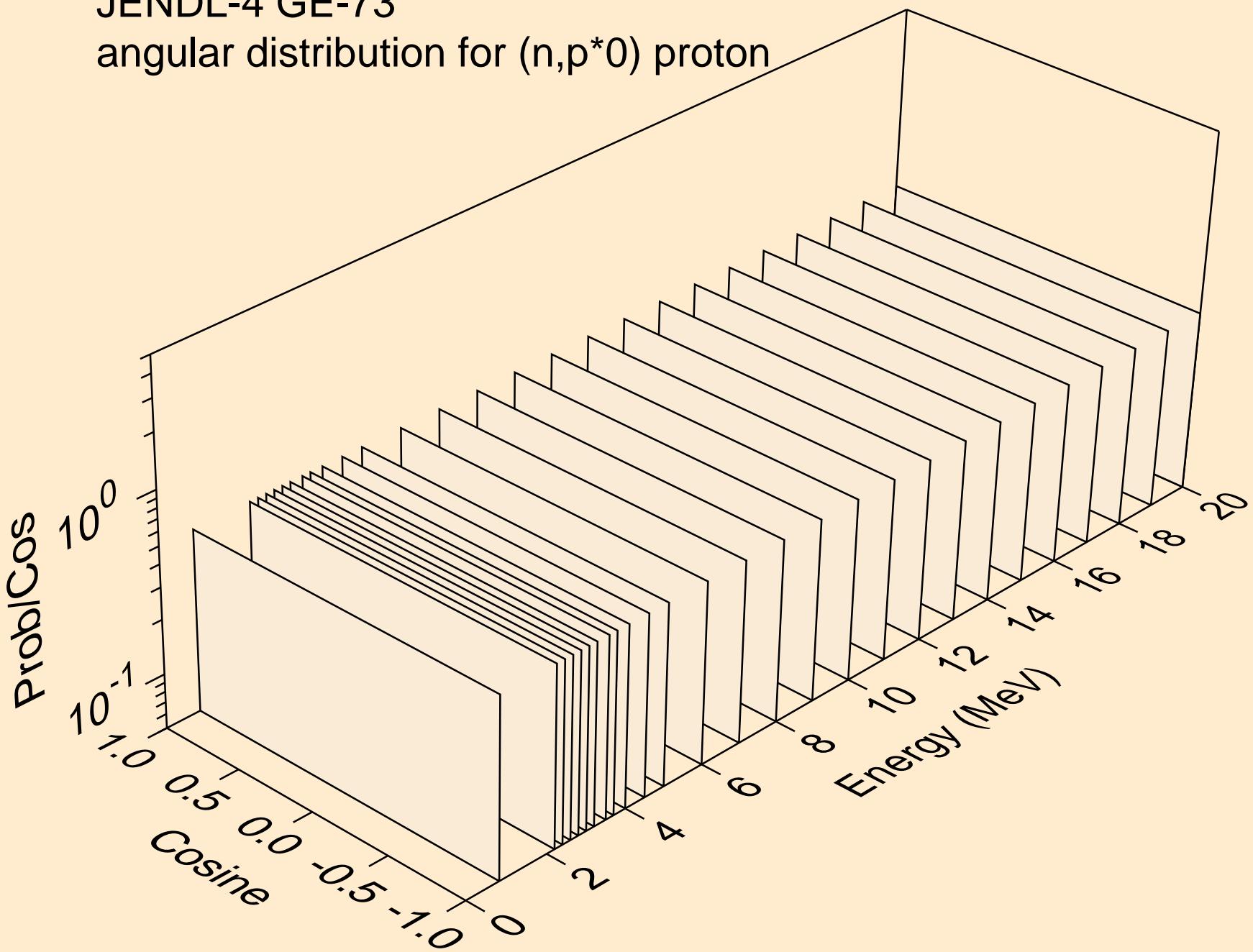
JENDL-4 GE-73  
protons from  $(n,n^*)p$



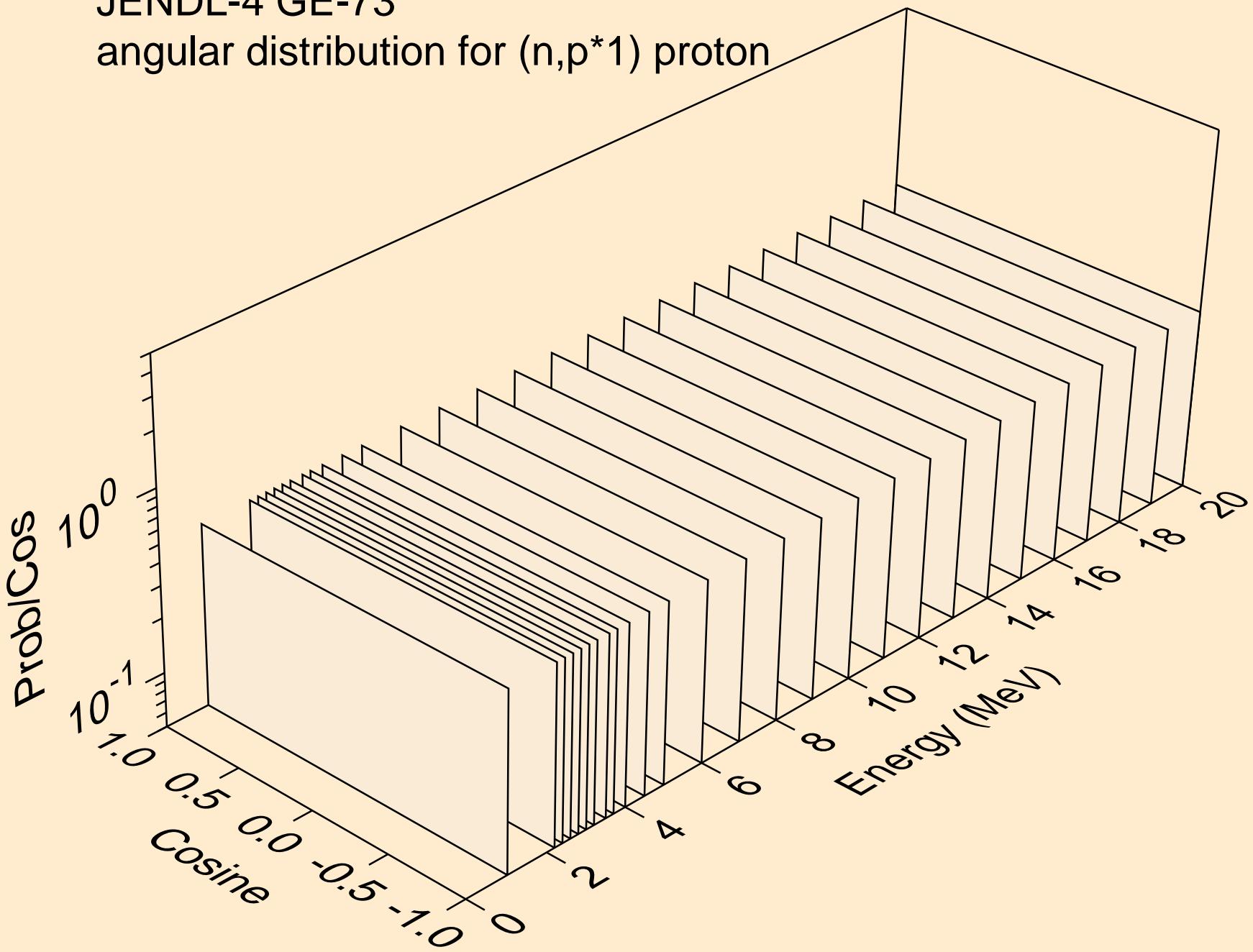
JENDL-4 GE-73  
protons from ( $n,2np$ )



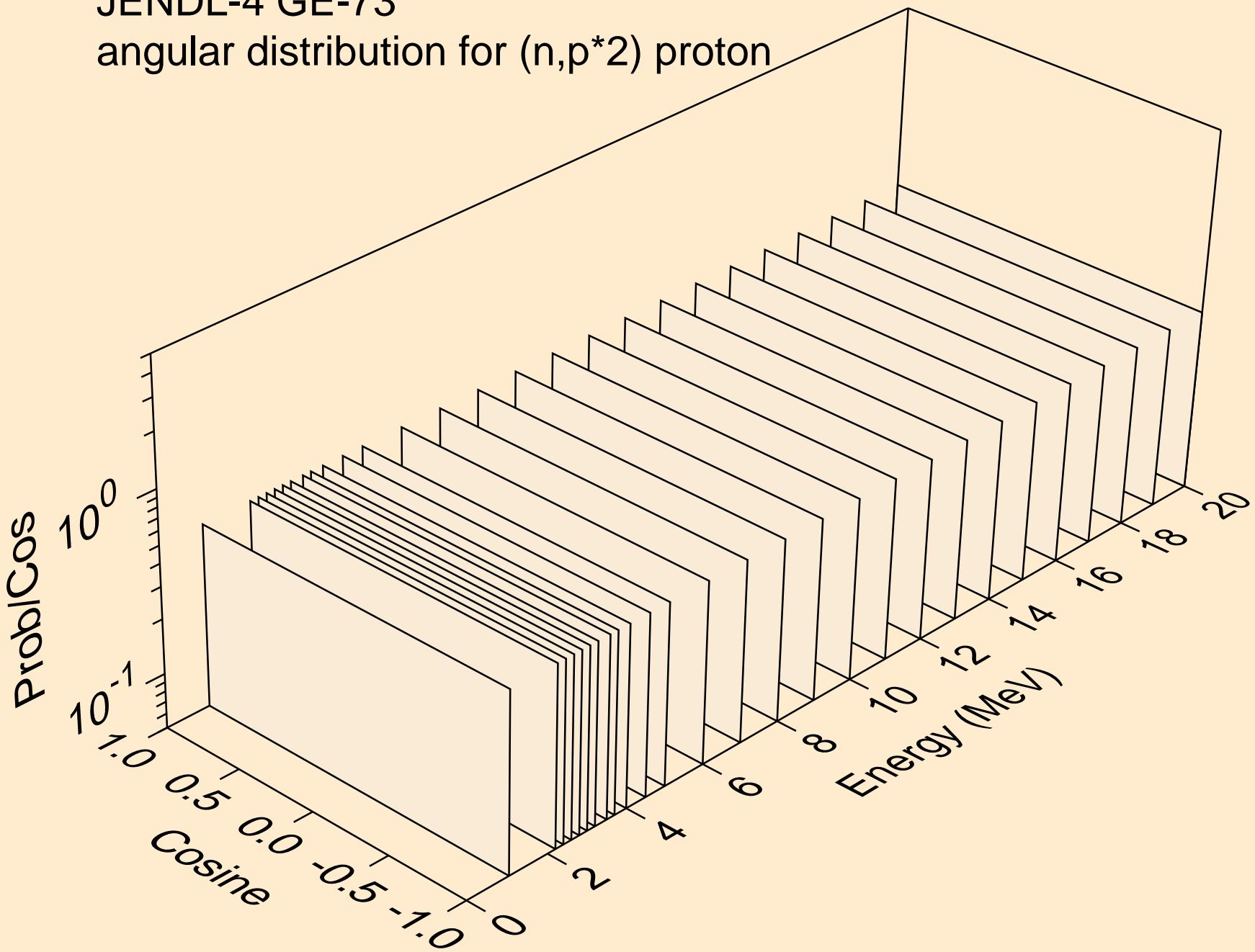
JENDL-4 GE-73  
angular distribution for  $(n,p^*0)$  proton



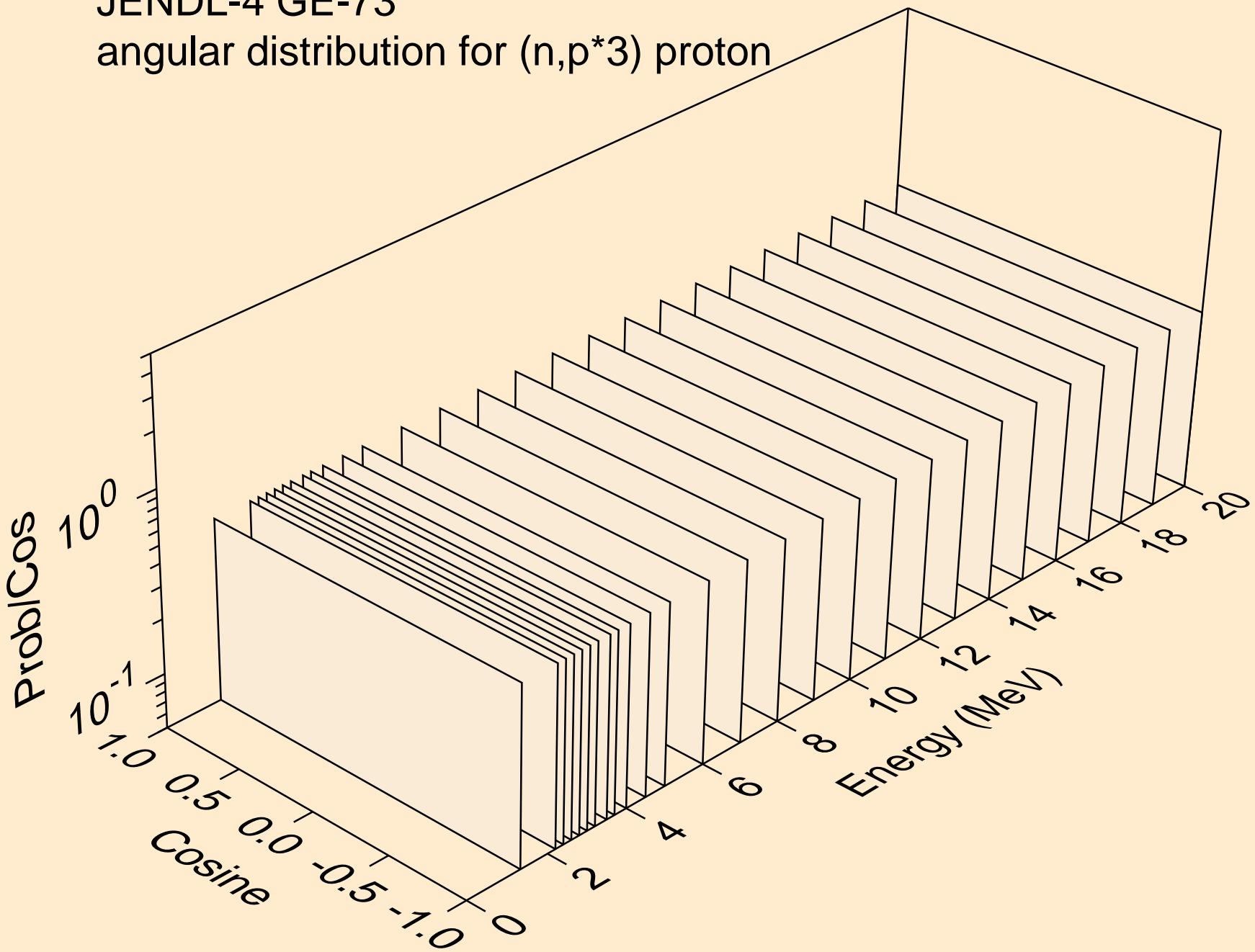
JENDL-4 GE-73  
angular distribution for ( $n,p^*1$ ) proton



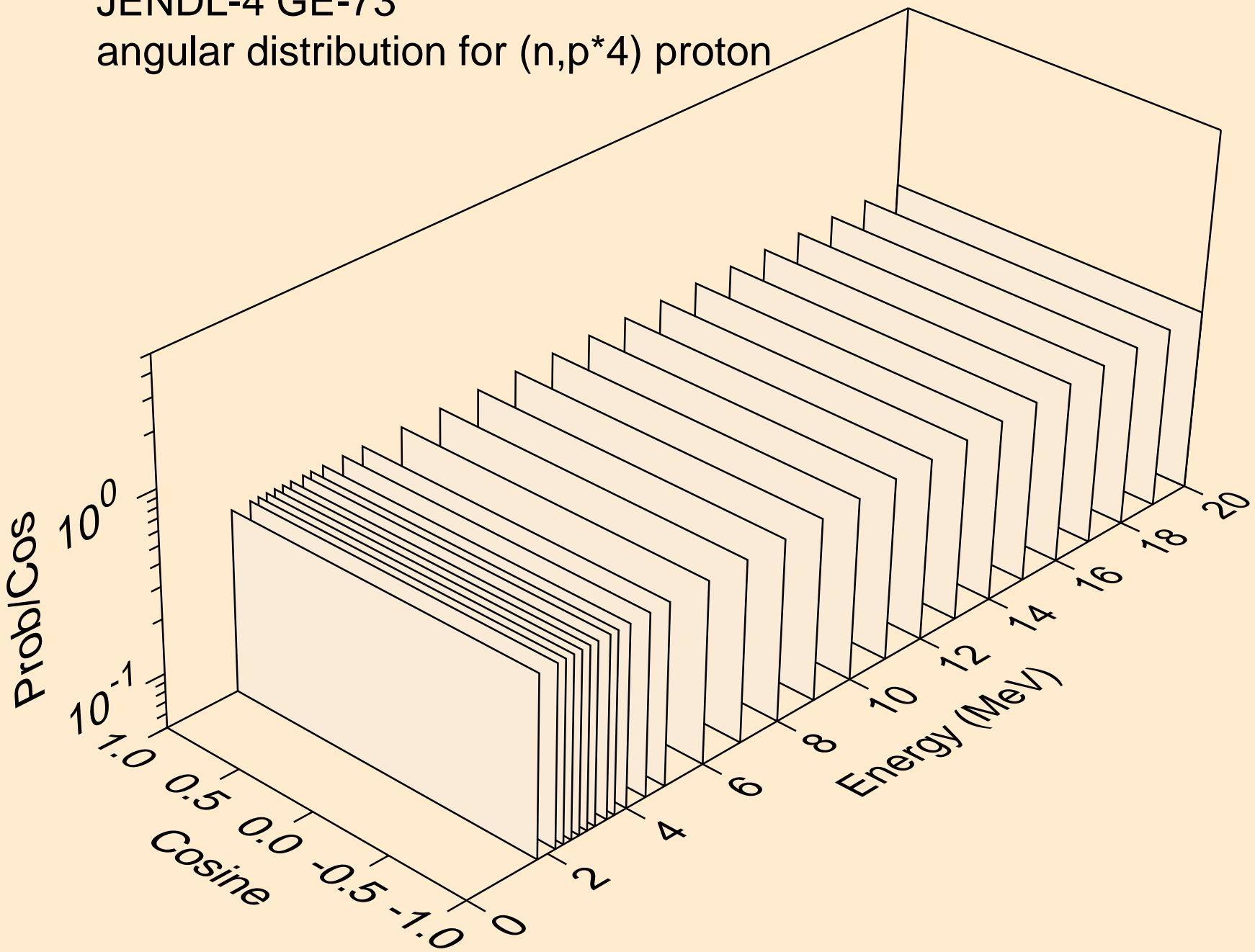
JENDL-4 GE-73  
angular distribution for  $(n,p^*2)$  proton



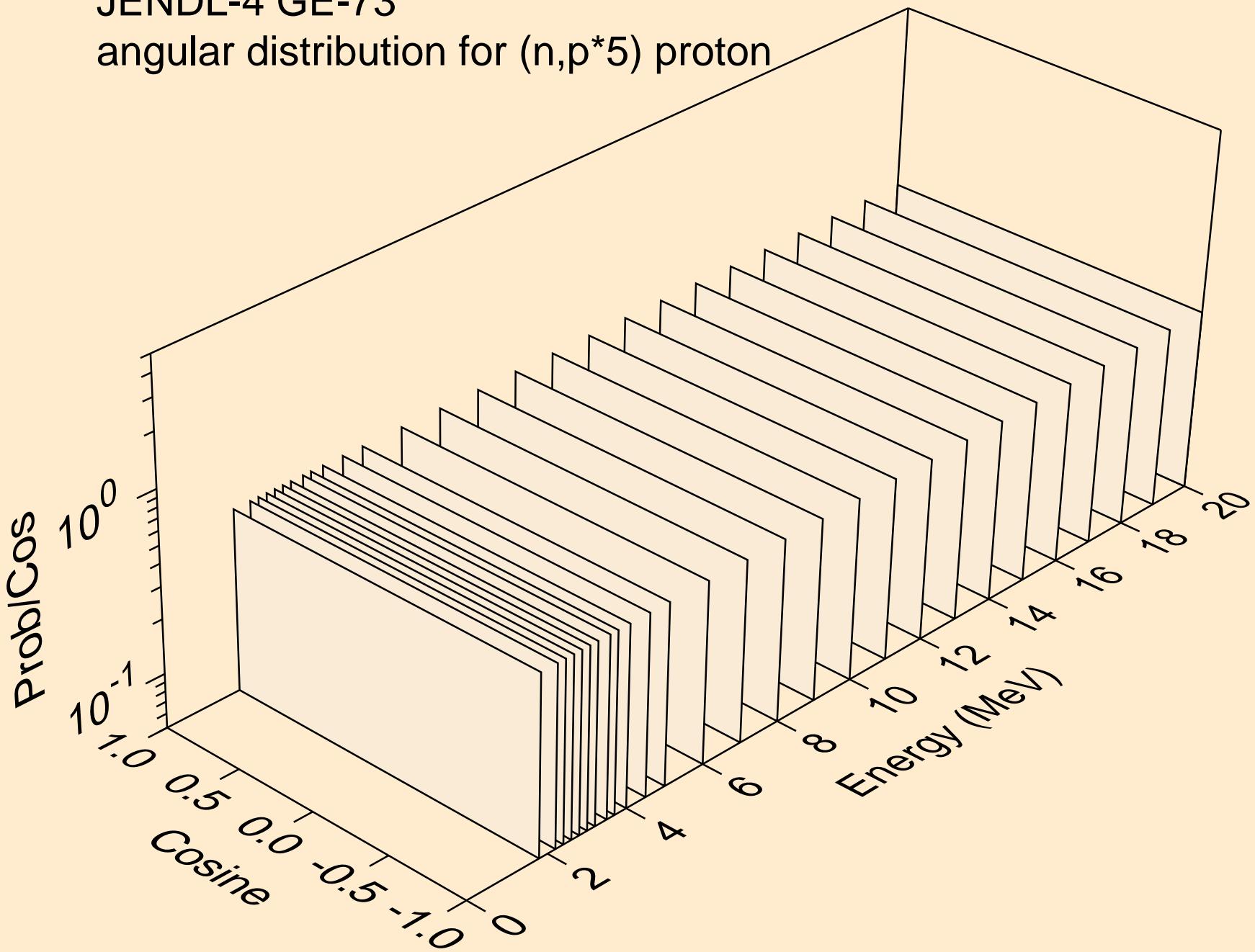
JENDL-4 GE-73  
angular distribution for ( $n,p^*3$ ) proton



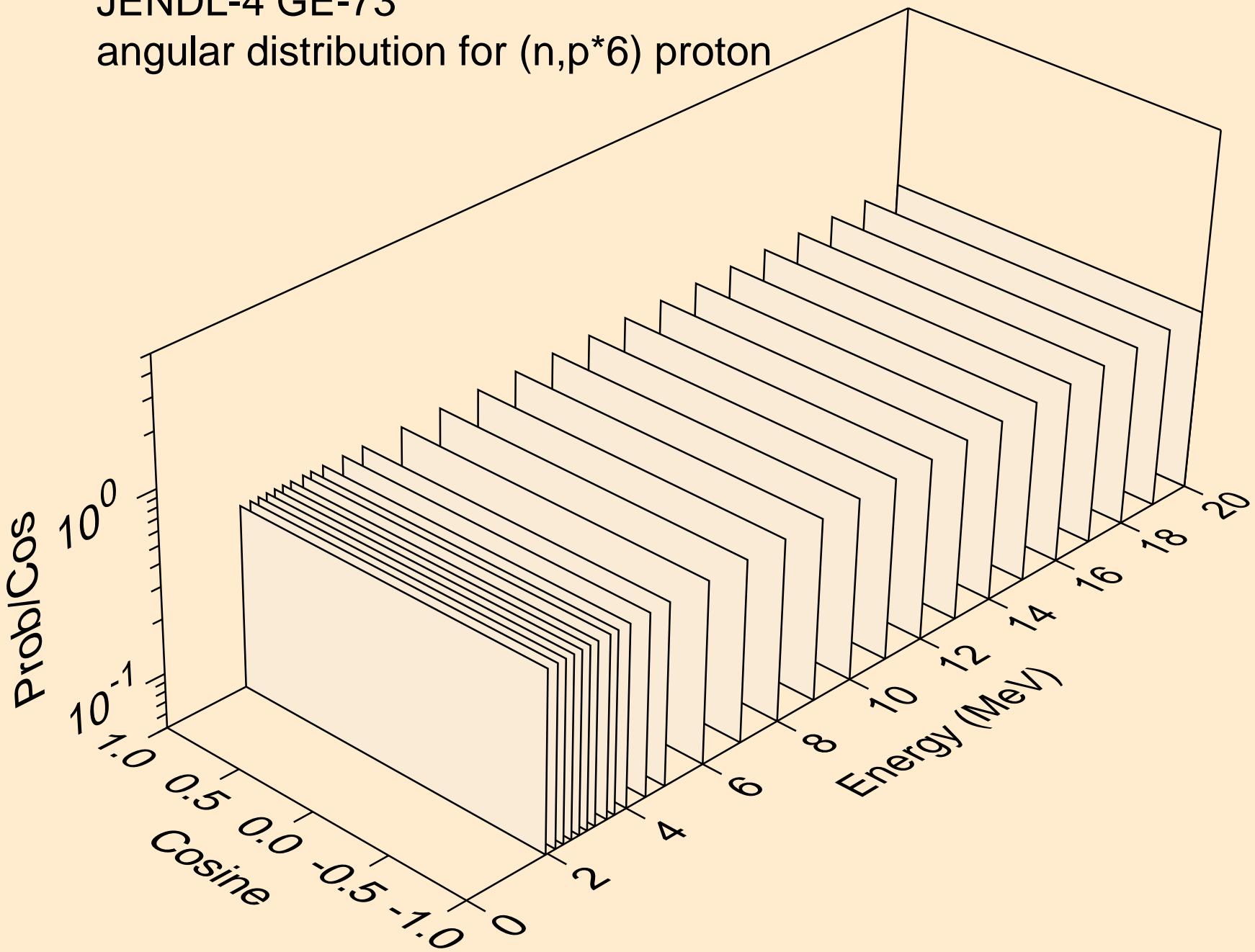
JENDL-4 GE-73  
angular distribution for ( $n,p^*4$ ) proton



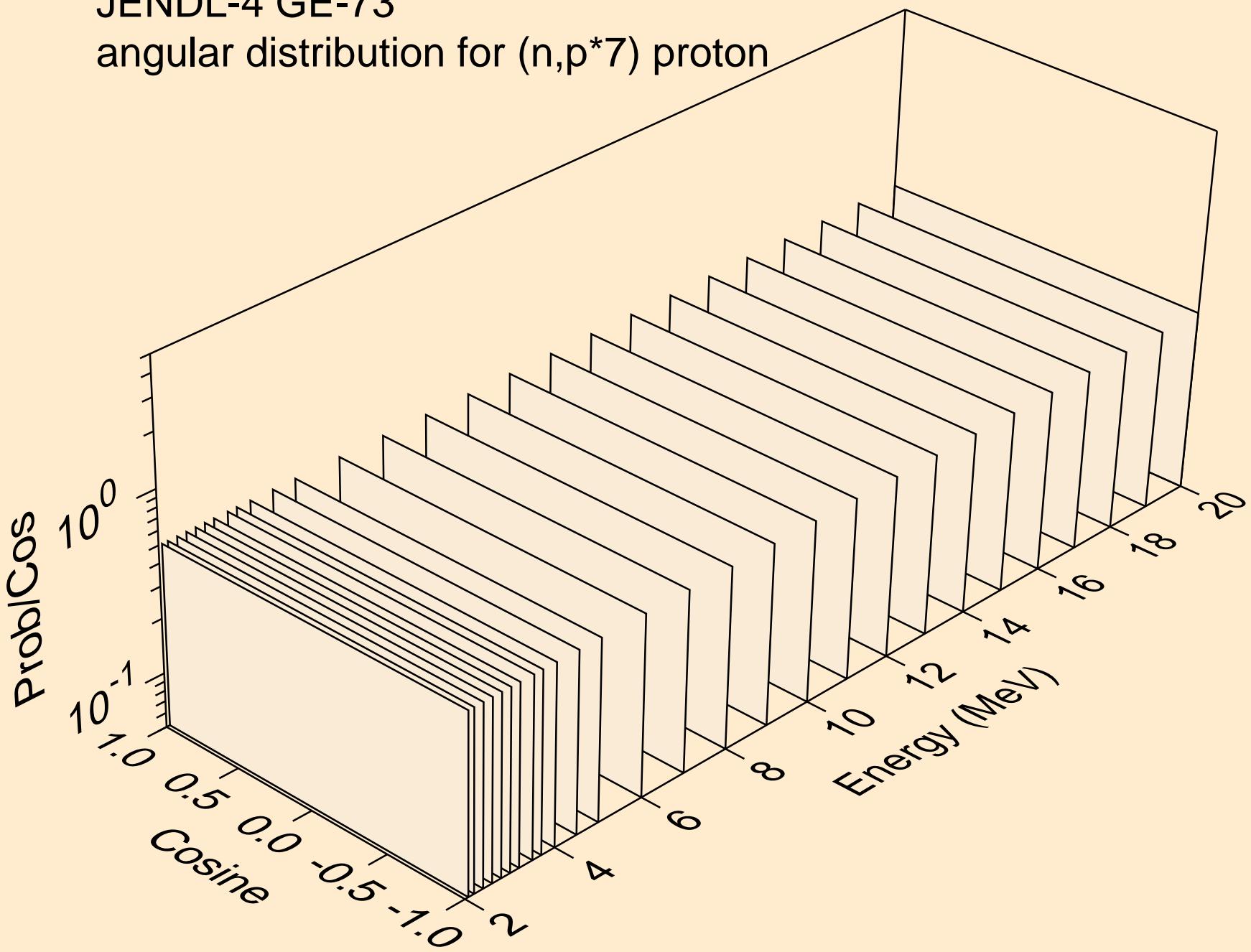
JENDL-4 GE-73  
angular distribution for ( $n,p^*5$ ) proton



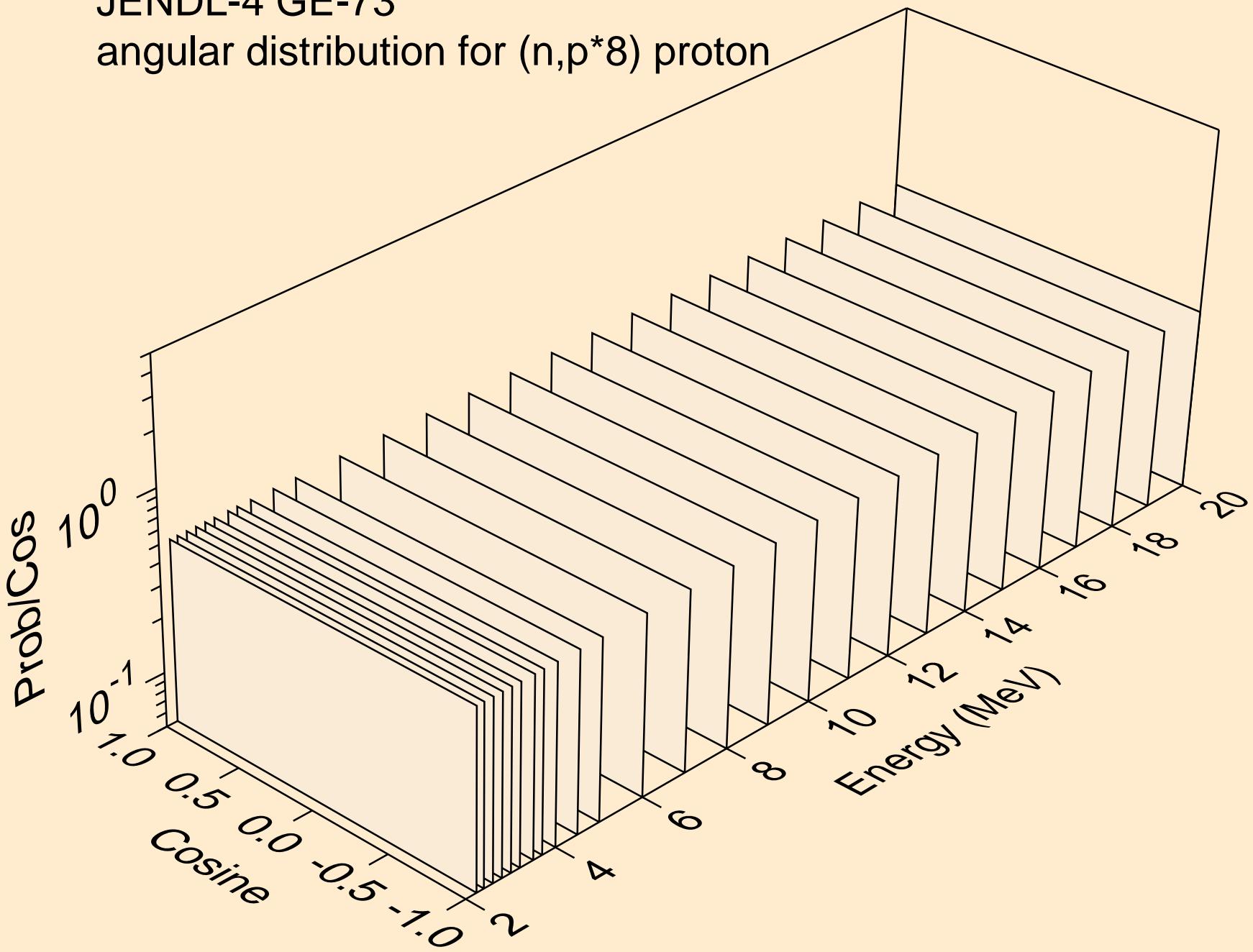
JENDL-4 GE-73  
angular distribution for ( $n,p^*6$ ) proton



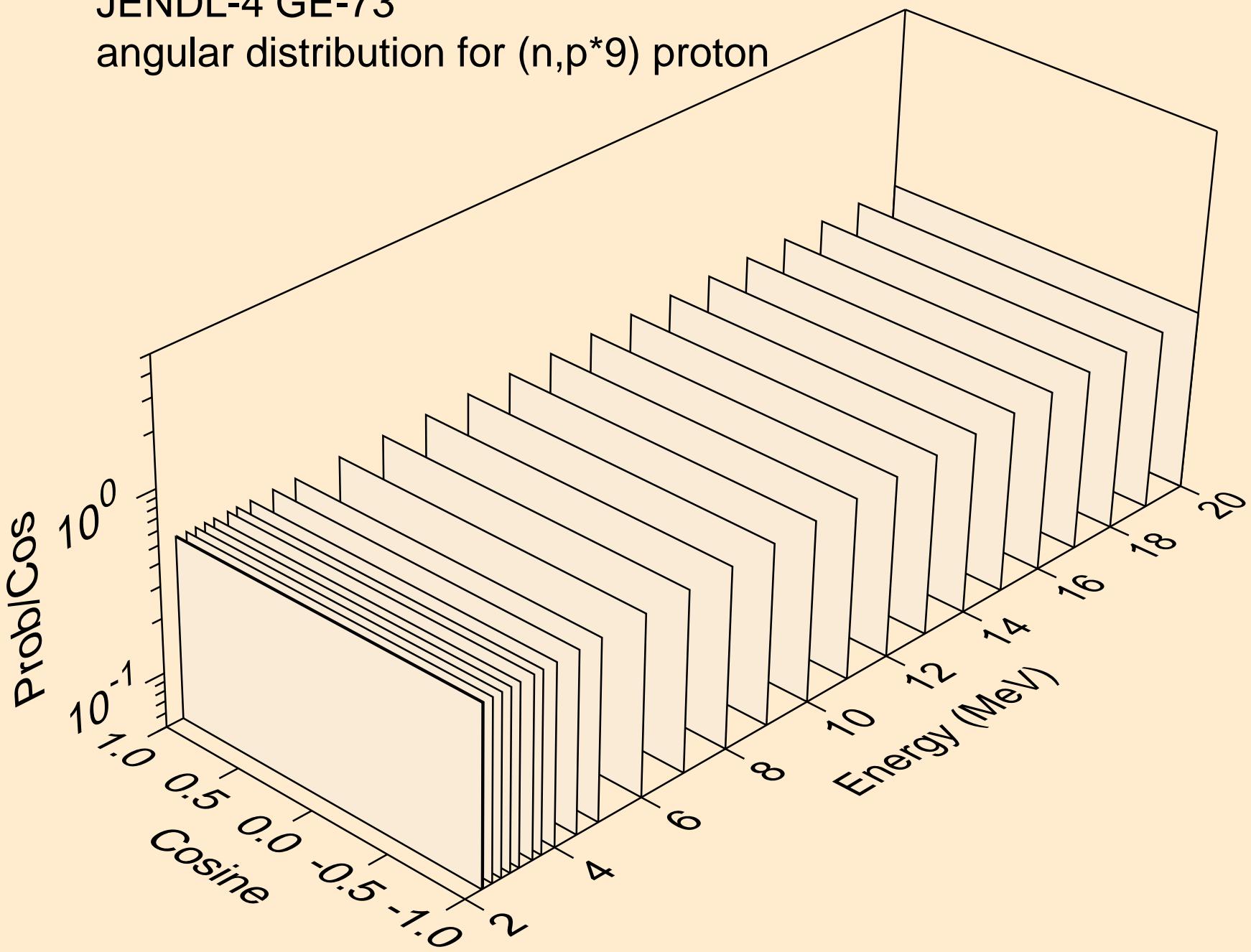
JENDL-4 GE-73  
angular distribution for ( $n,p^*7$ ) proton



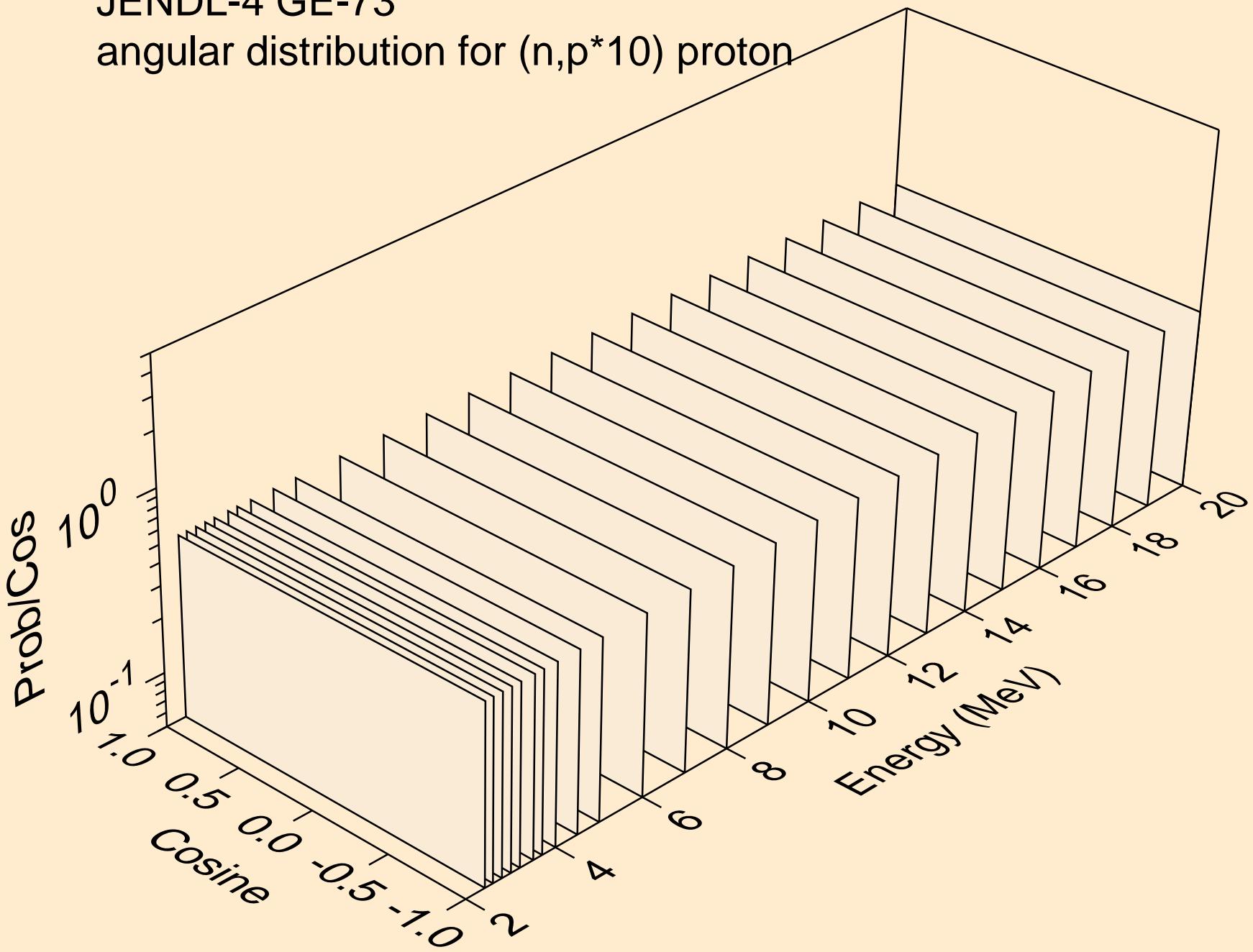
JENDL-4 GE-73  
angular distribution for  $(n,p^*8)$  proton



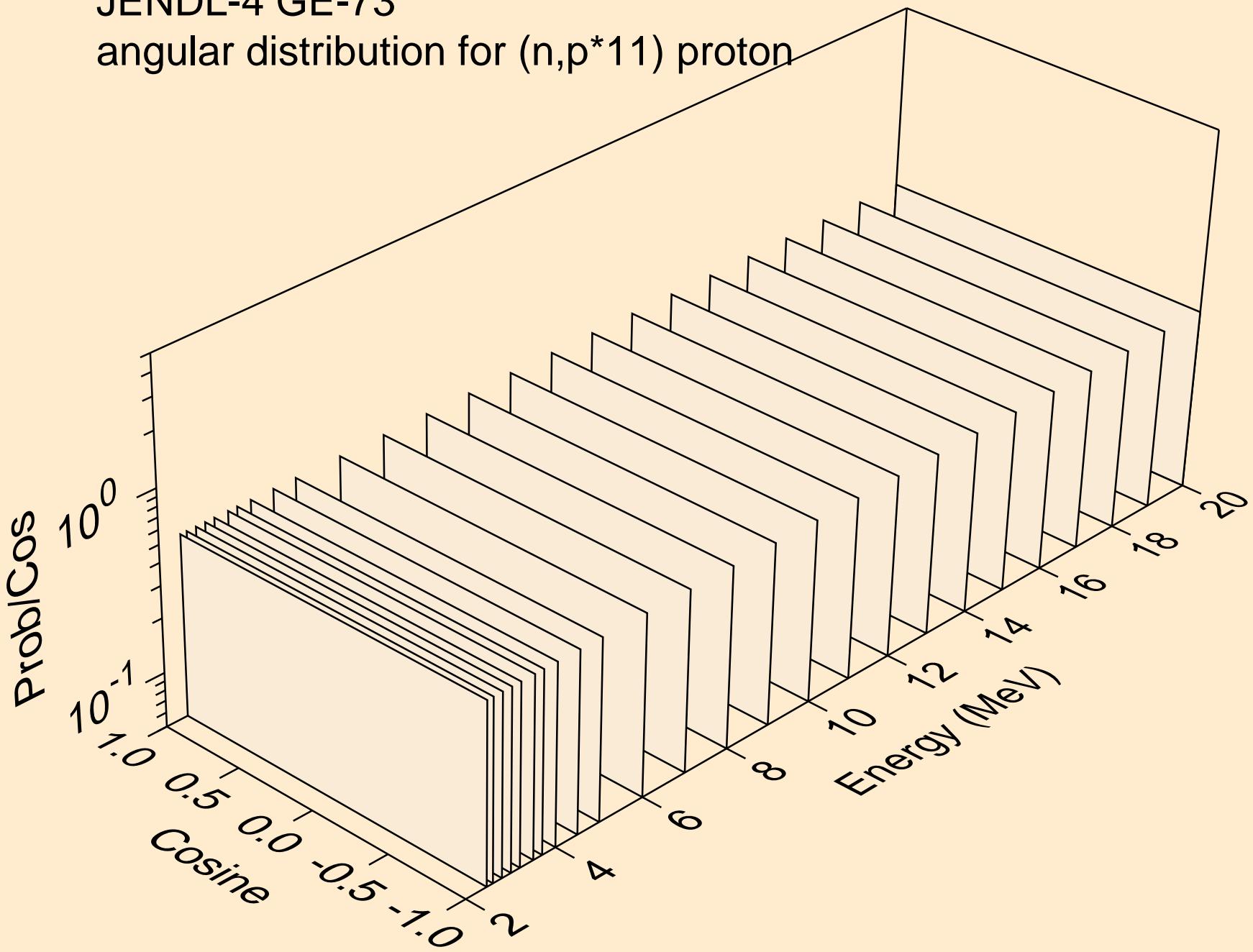
JENDL-4 GE-73  
angular distribution for  $(n,p^*9)$  proton



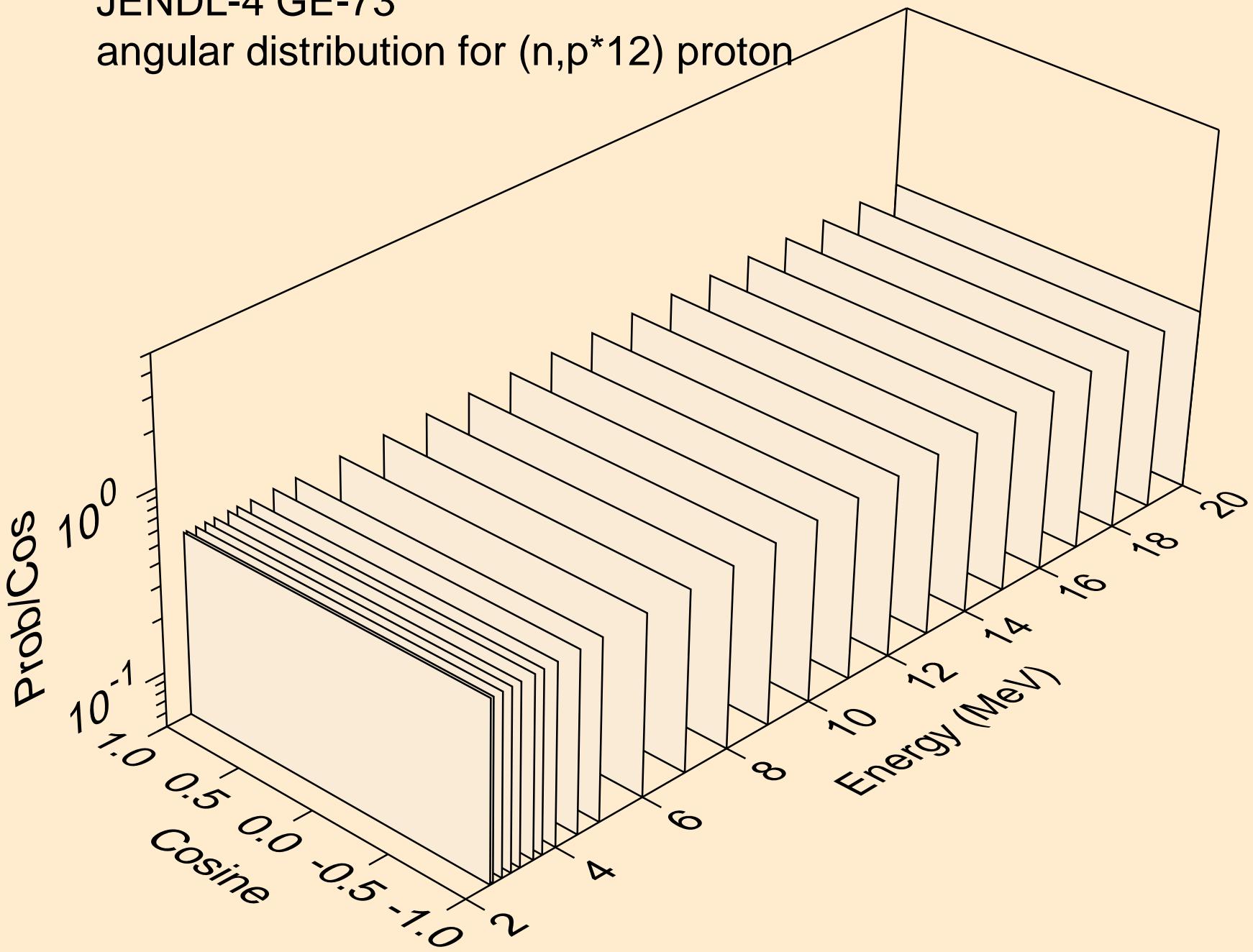
JENDL-4 GE-73  
angular distribution for ( $n,p^*10$ ) proton



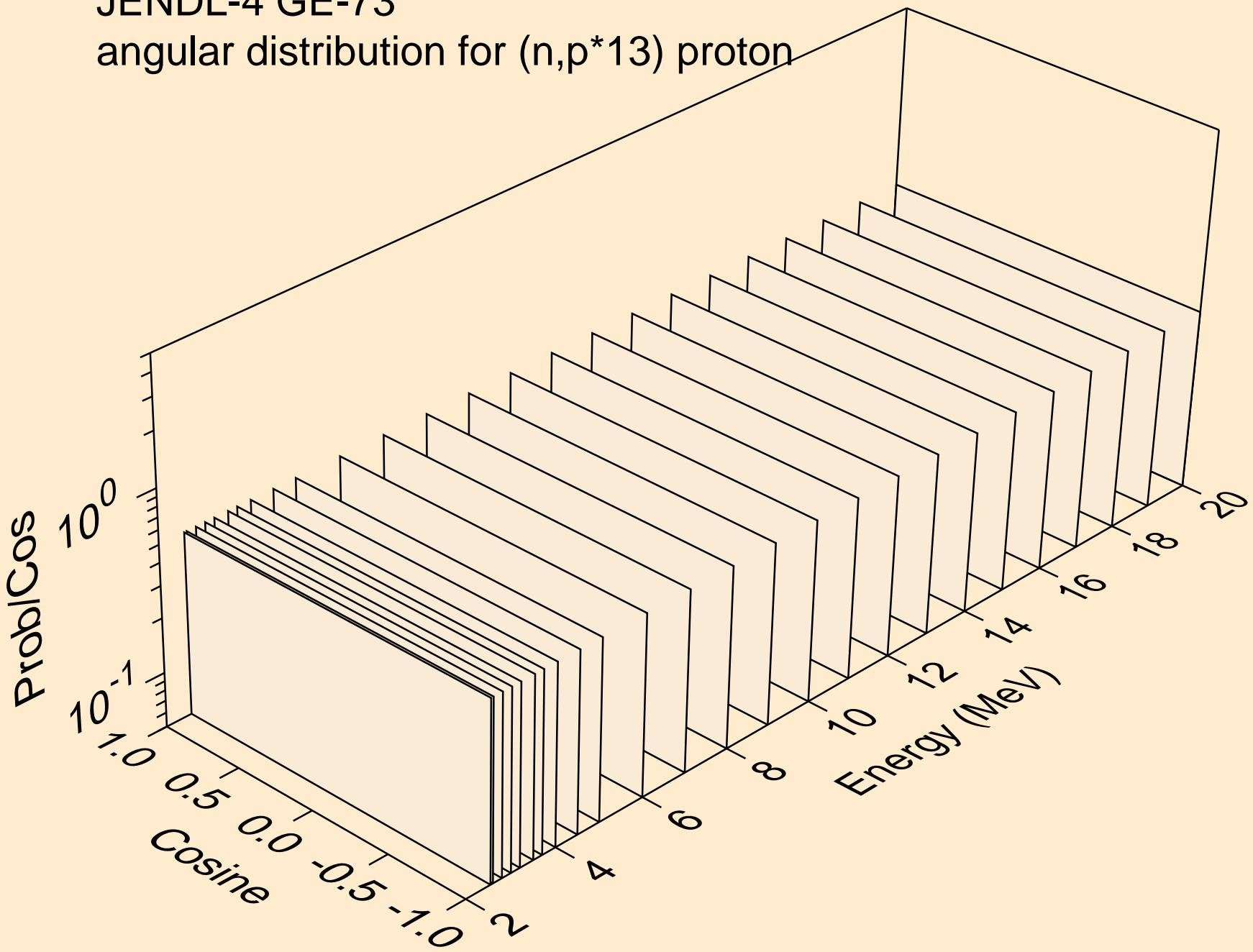
JENDL-4 GE-73  
angular distribution for ( $n,p^*11$ ) proton



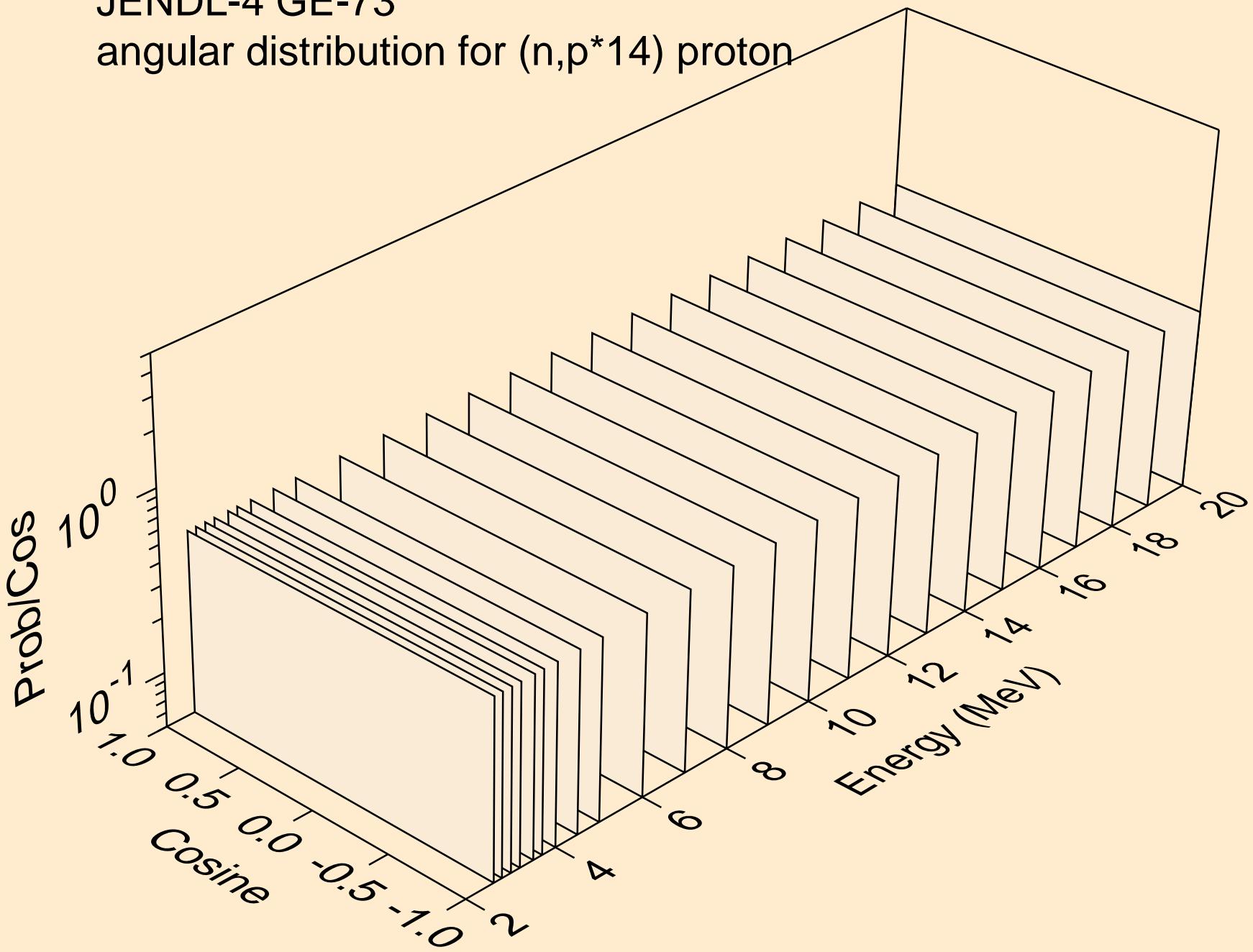
JENDL-4 GE-73  
angular distribution for ( $n,p^*12$ ) proton



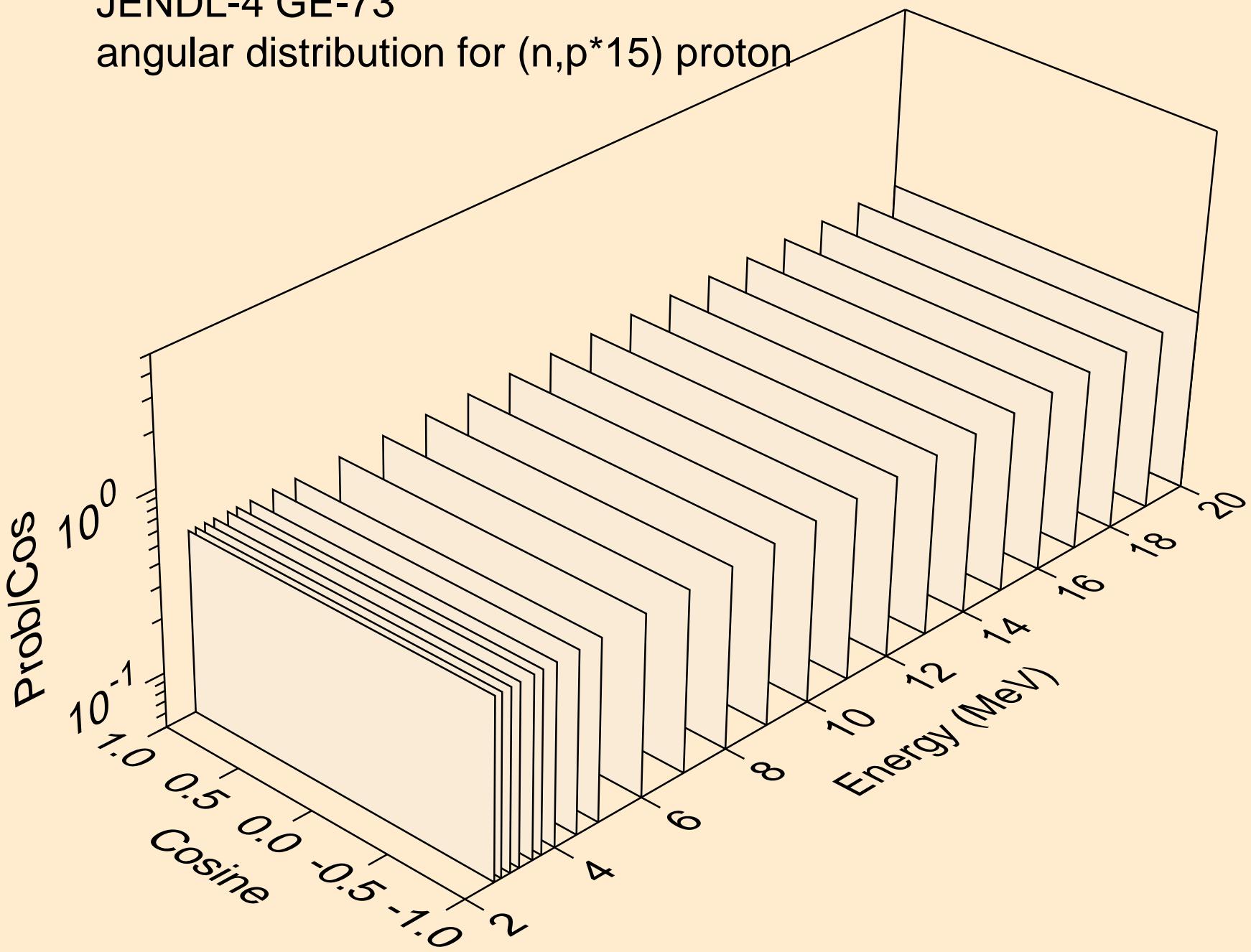
JENDL-4 GE-73  
angular distribution for ( $n,p^*13$ ) proton



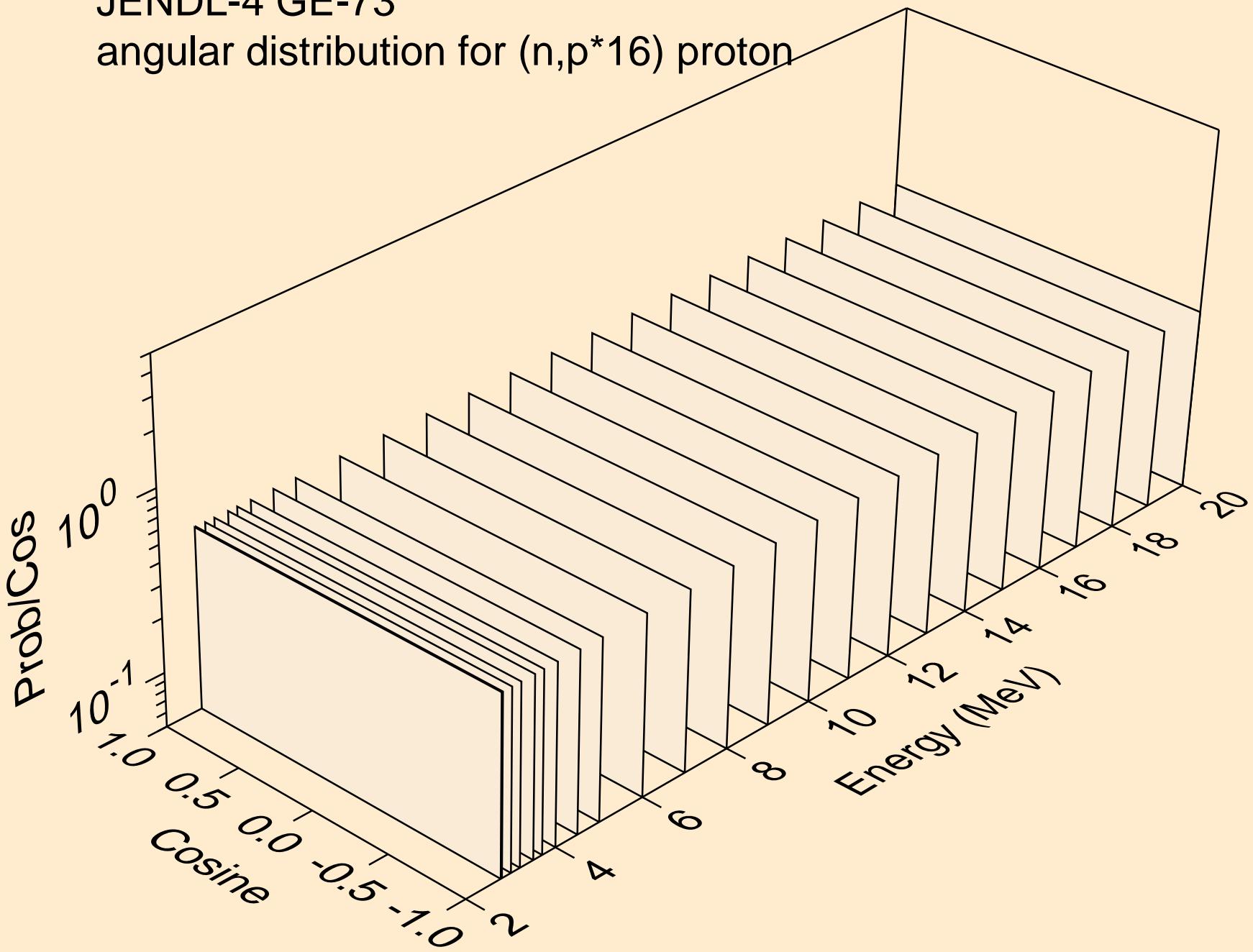
JENDL-4 GE-73  
angular distribution for ( $n,p^*14$ ) proton



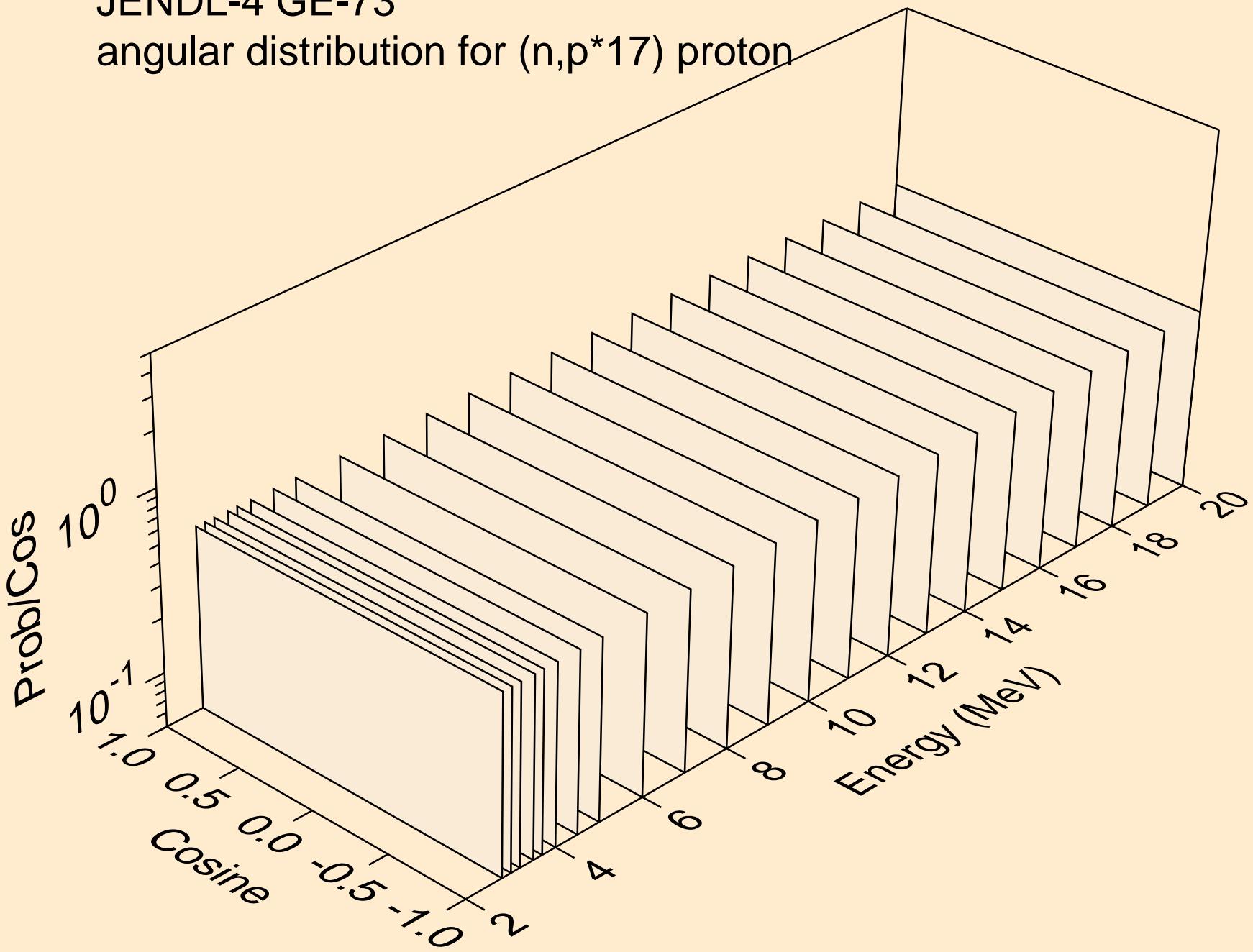
JENDL-4 GE-73  
angular distribution for ( $n,p^*15$ ) proton



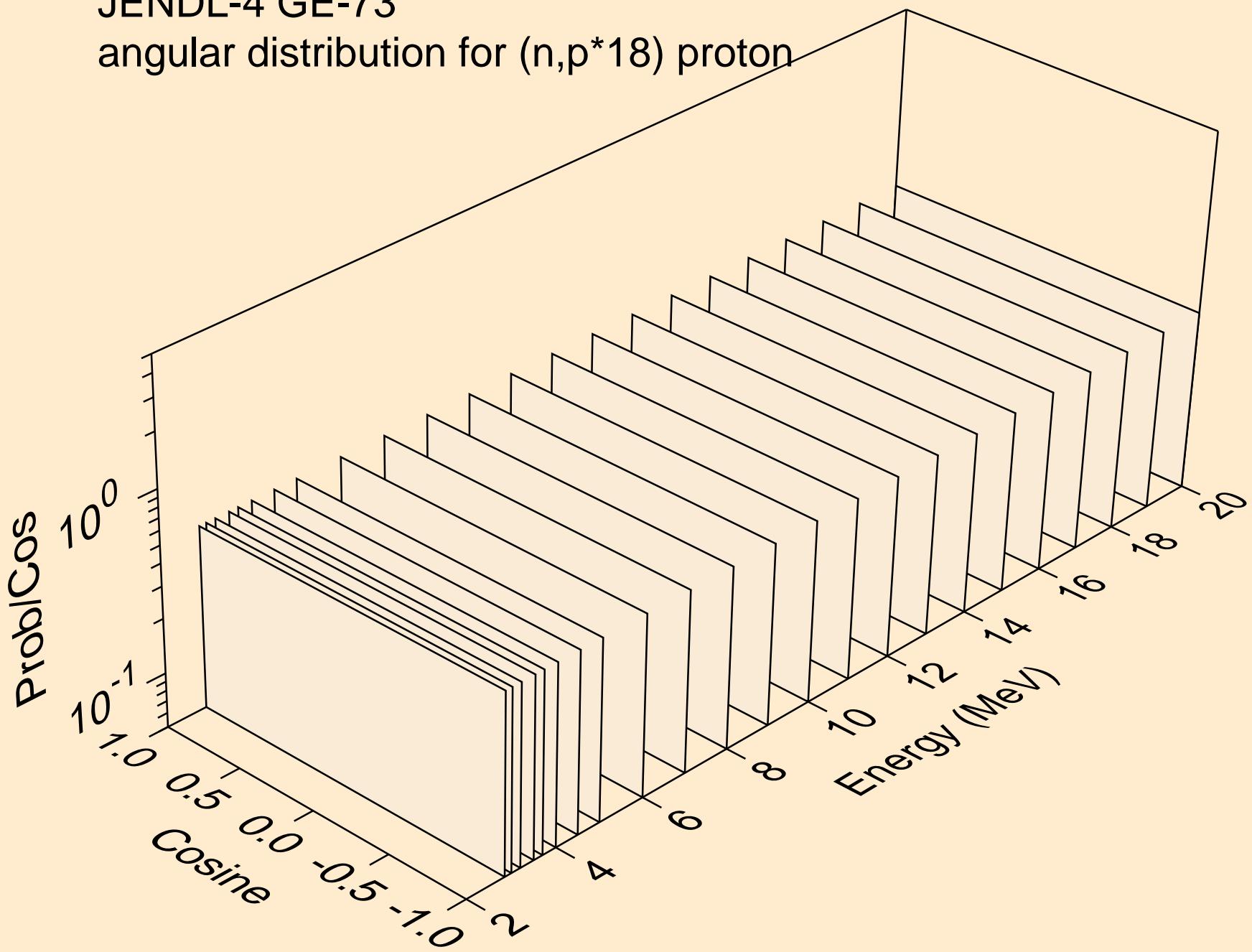
JENDL-4 GE-73  
angular distribution for ( $n,p^*16$ ) proton



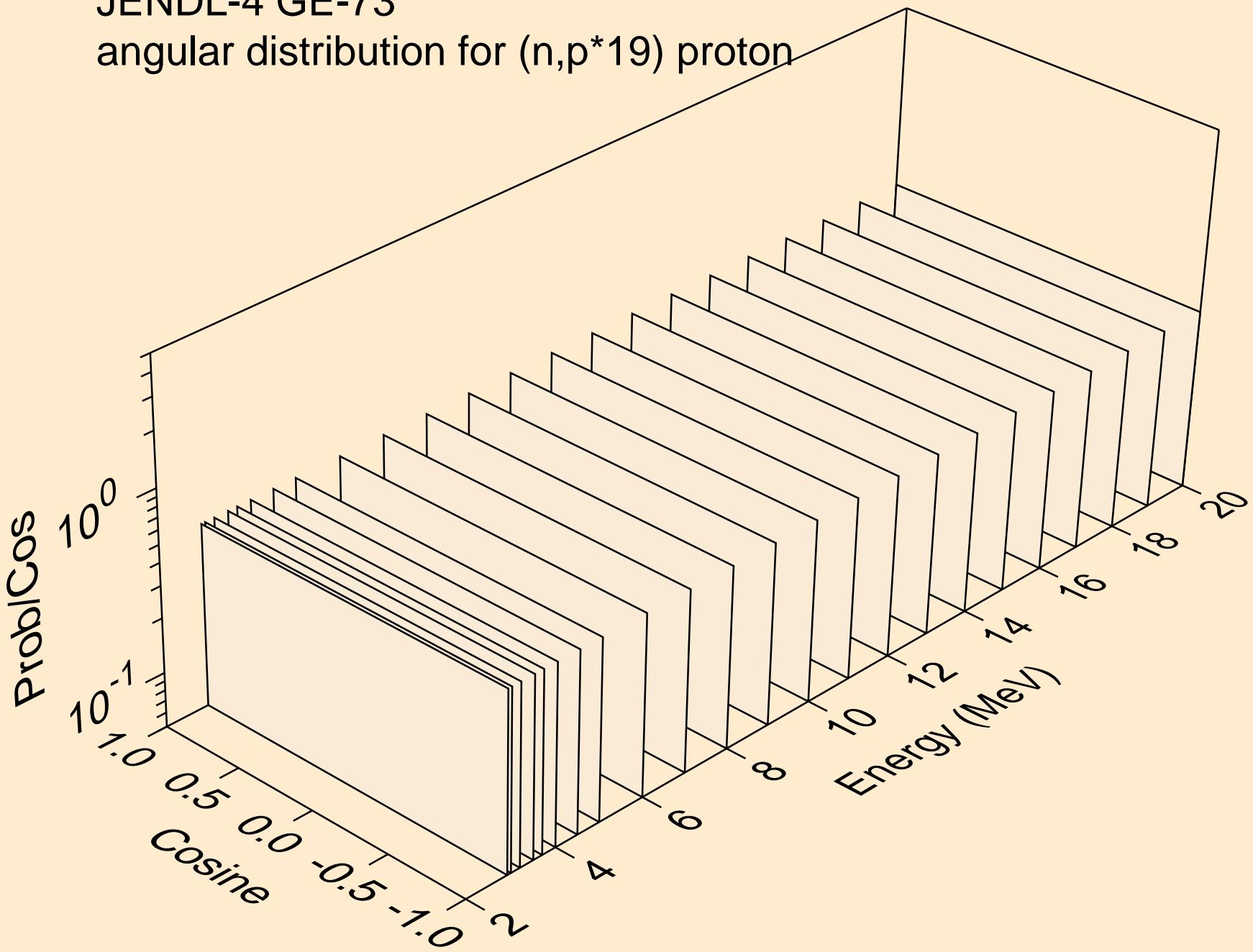
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angular distribution for ( $n,p^*17$ ) proton



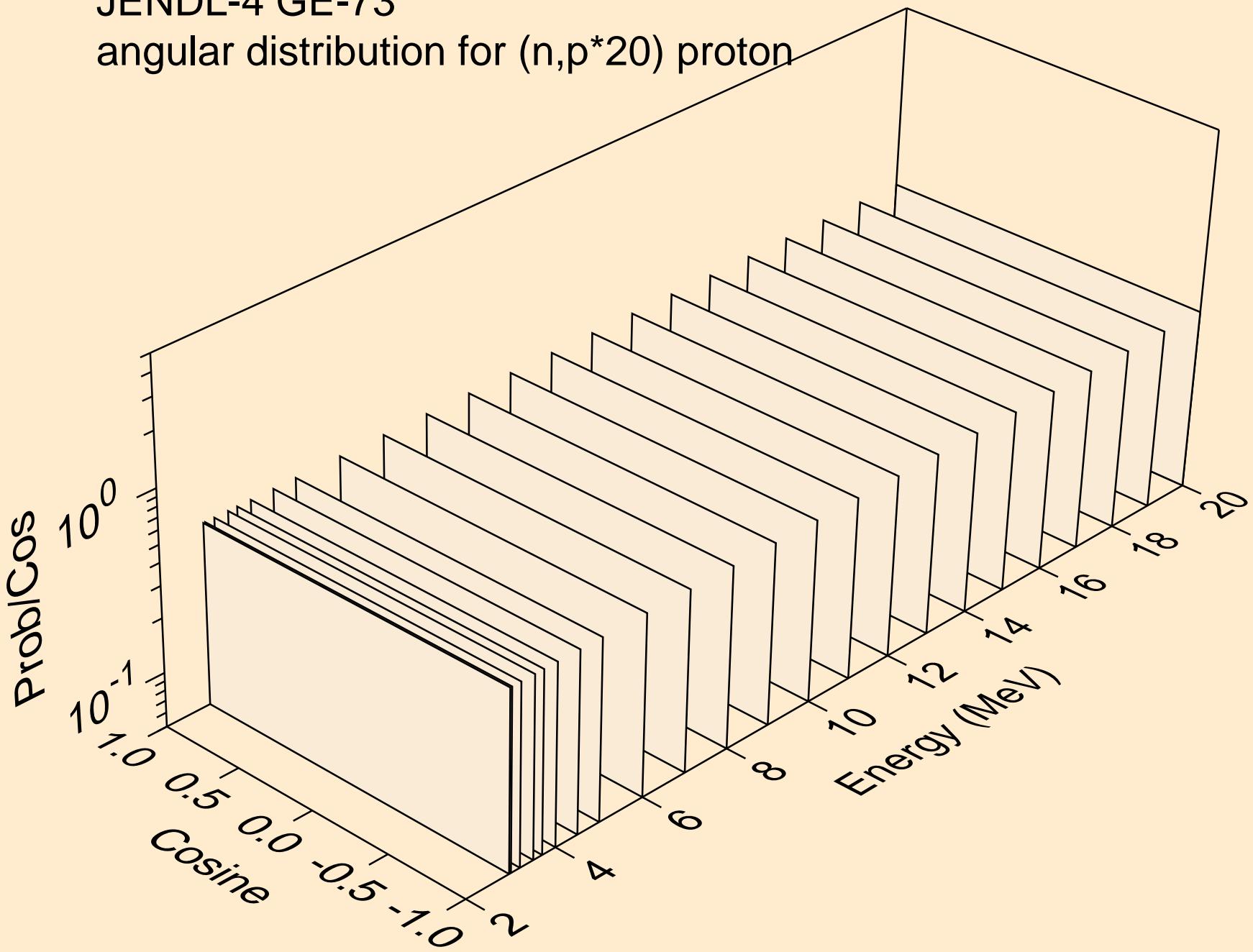
JENDL-4 GE-73  
angular distribution for ( $n,p^*18$ ) proton



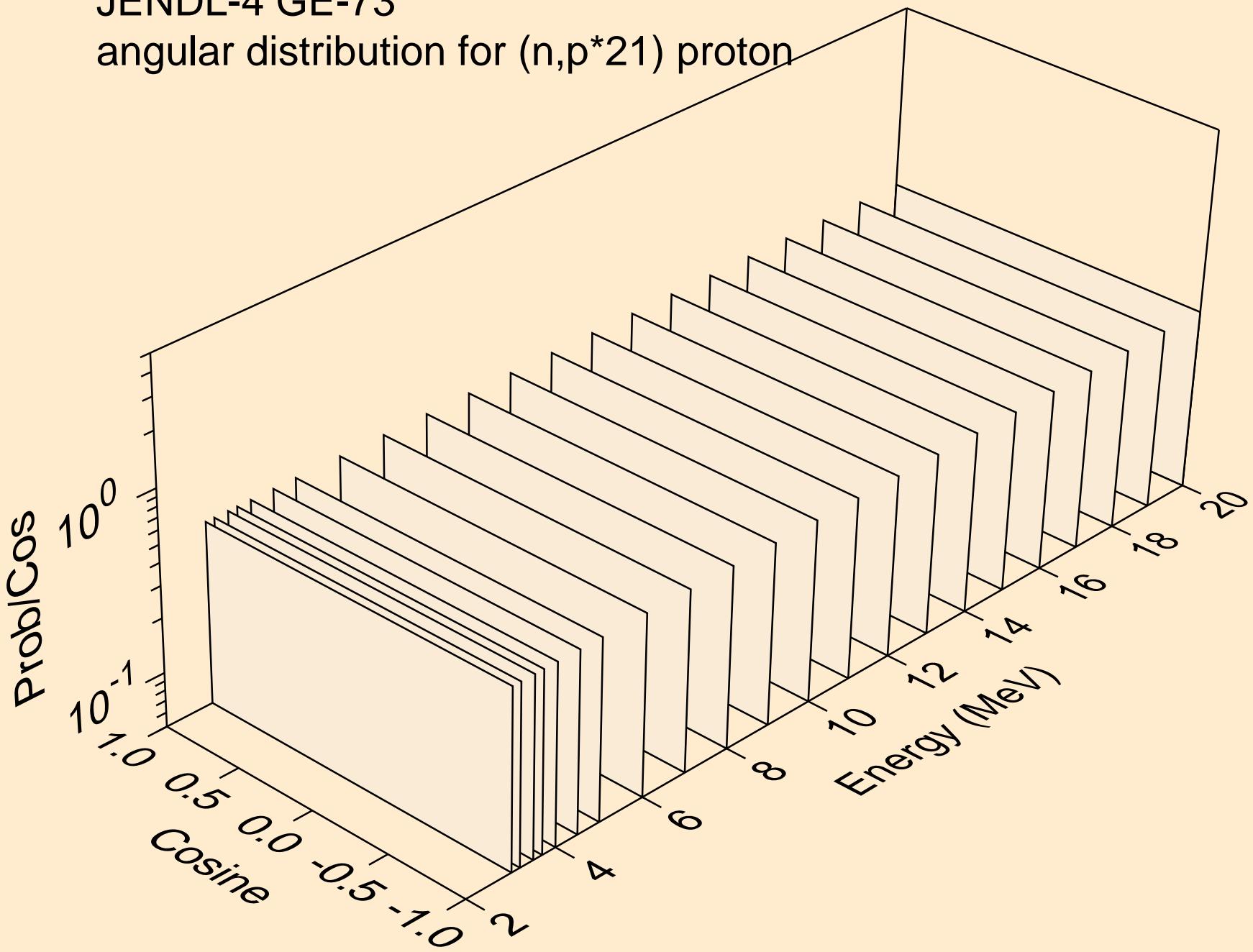
JENDL-4 GE-73  
angular distribution for ( $n,p^*19$ ) proton



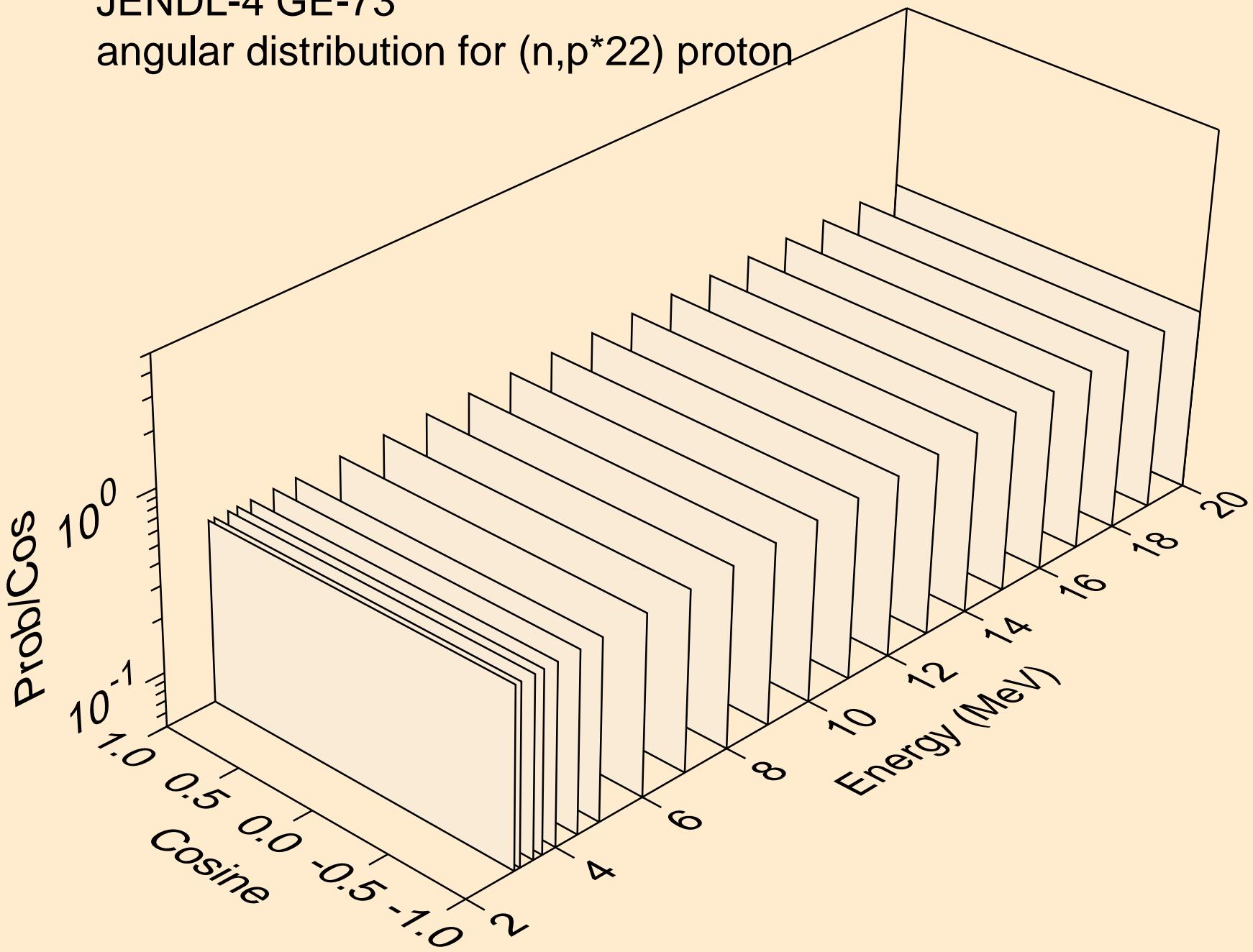
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angular distribution for ( $n,p^*$ ) proton



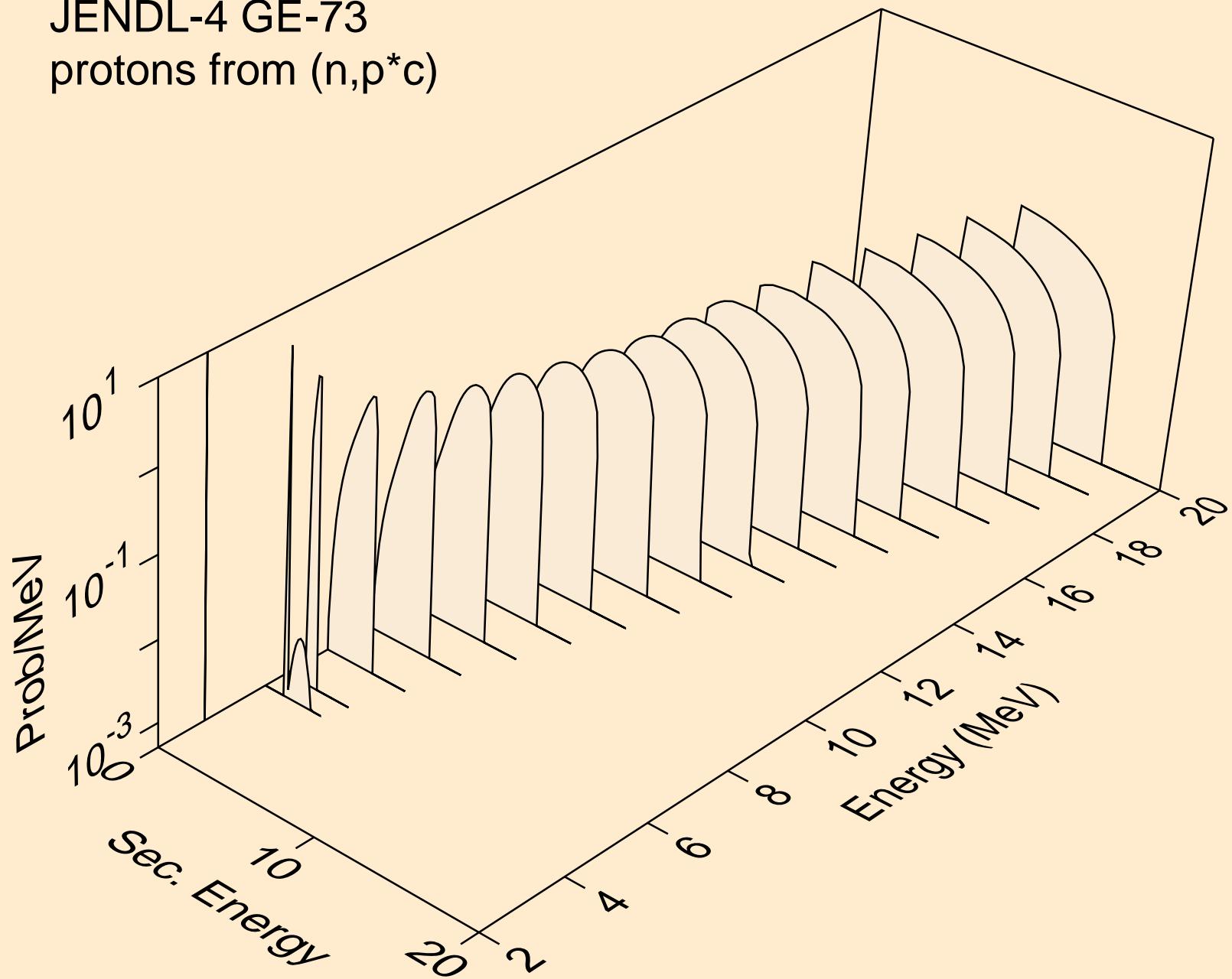
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angular distribution for ( $n,p^*21$ ) proton



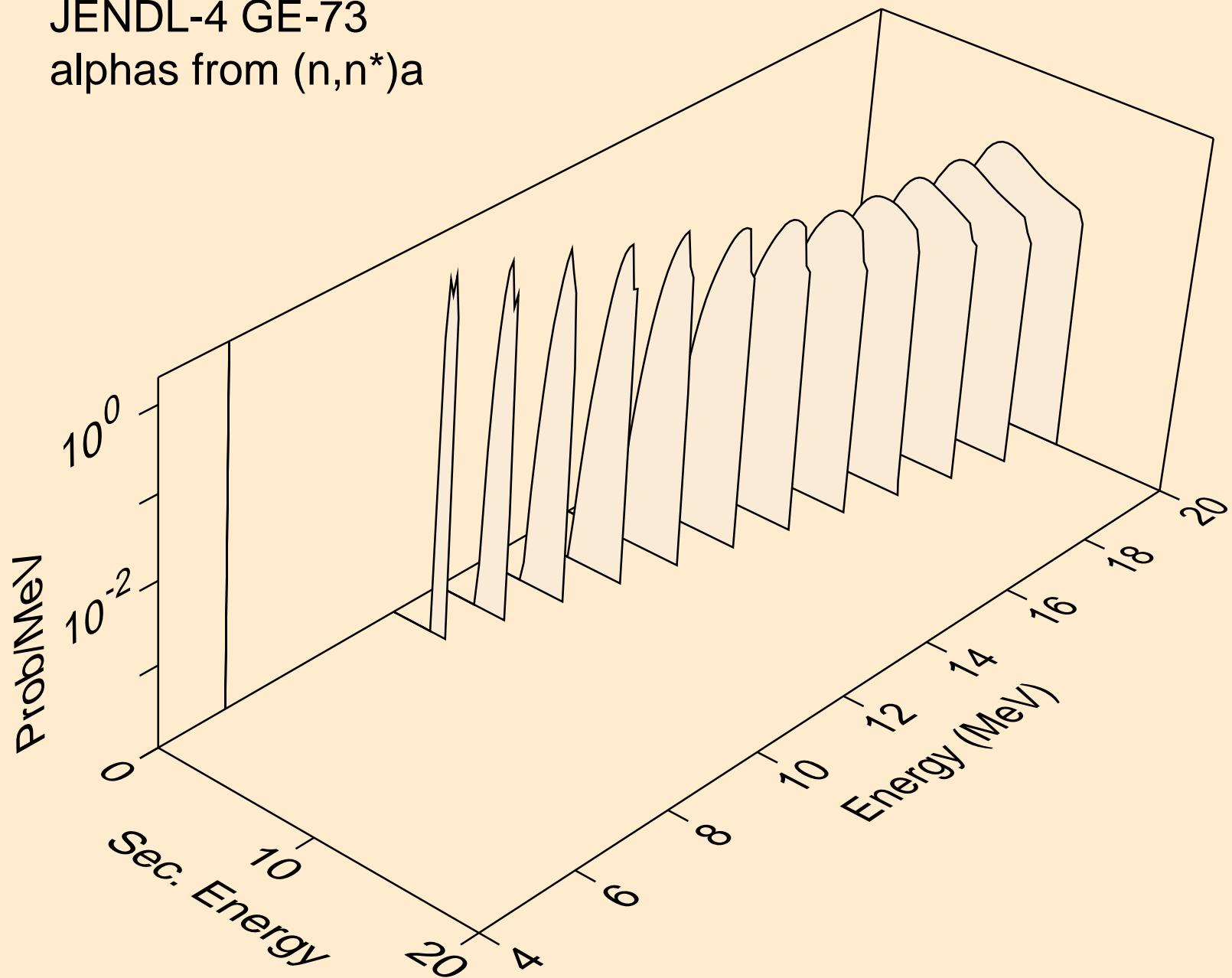
JENDL-4 GE-73  
angular distribution for ( $n,p^*$ ) proton



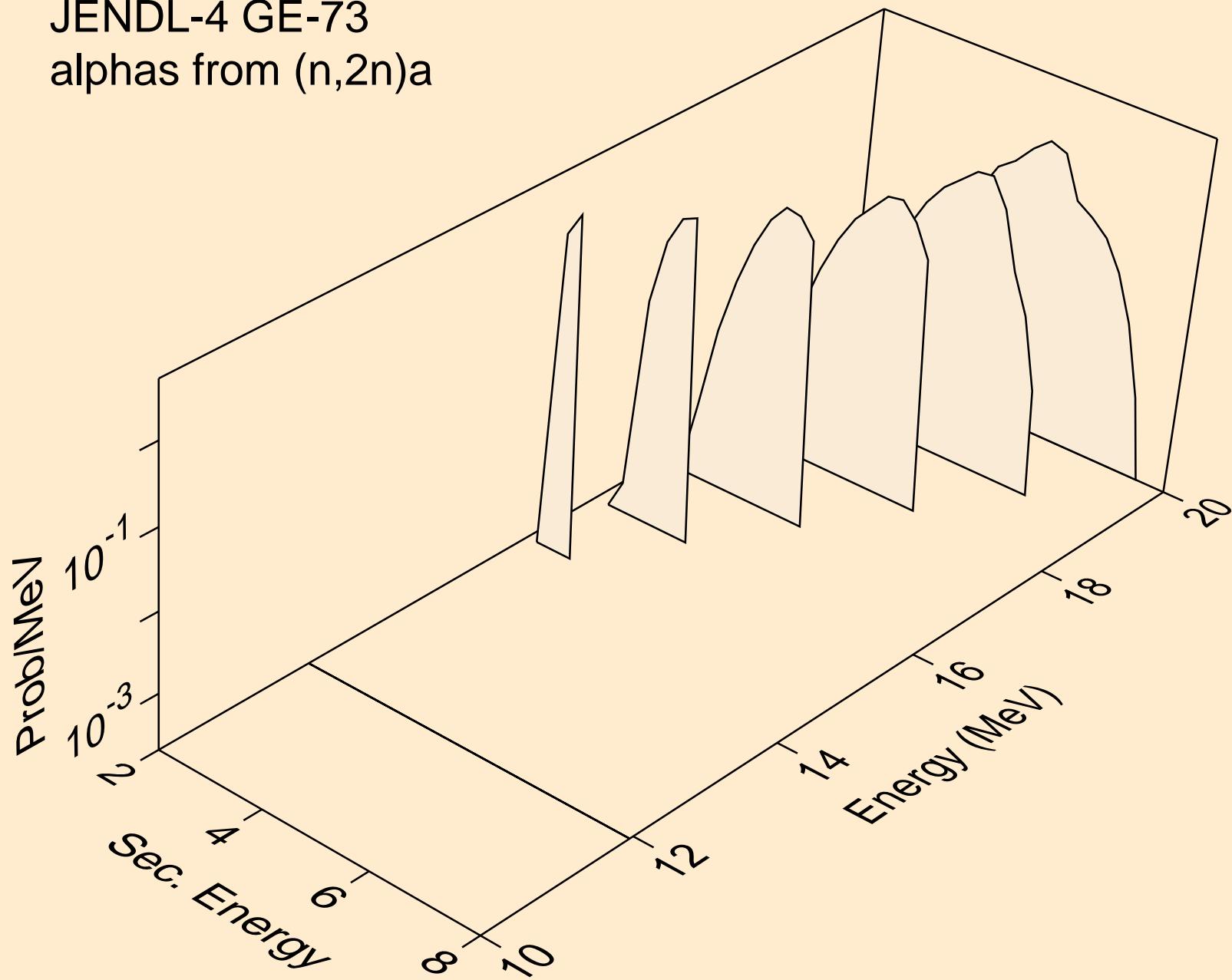
JENDL-4 GE-73  
protons from  $(n, p^*c)$



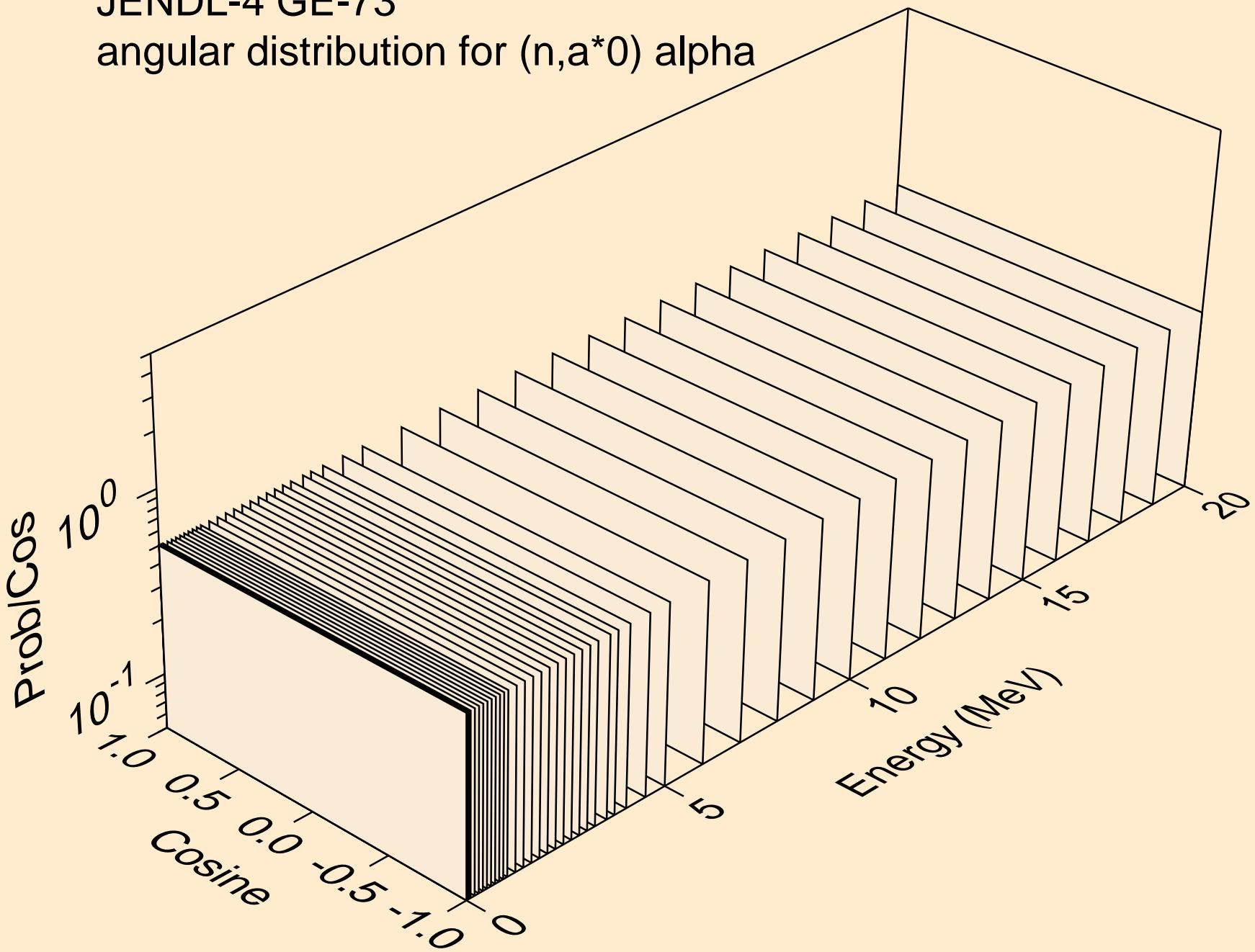
JENDL-4 GE-73  
alphas from  $(n,n^*)a$



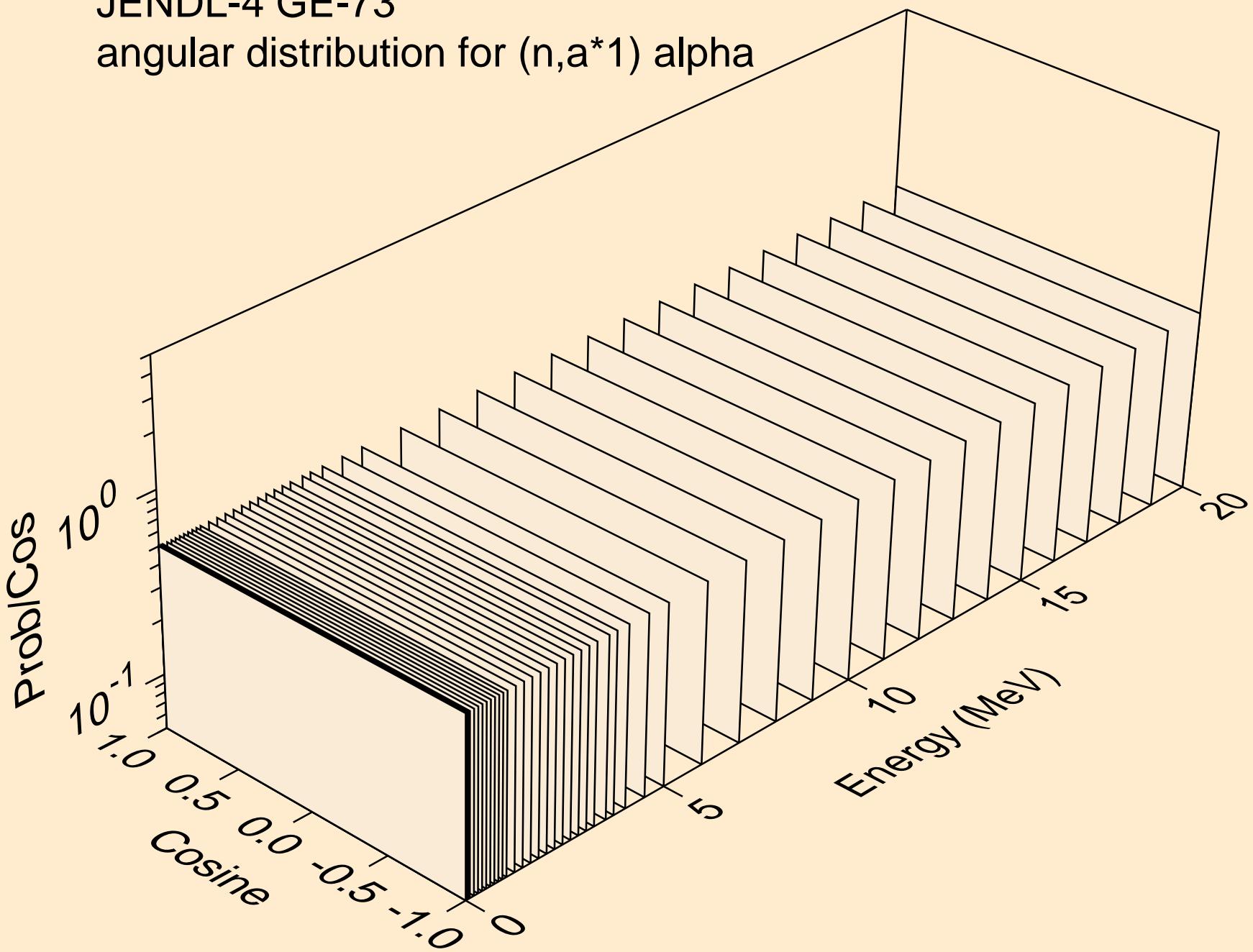
JENDL-4 GE-73  
alphas from  $(n,2n)a$



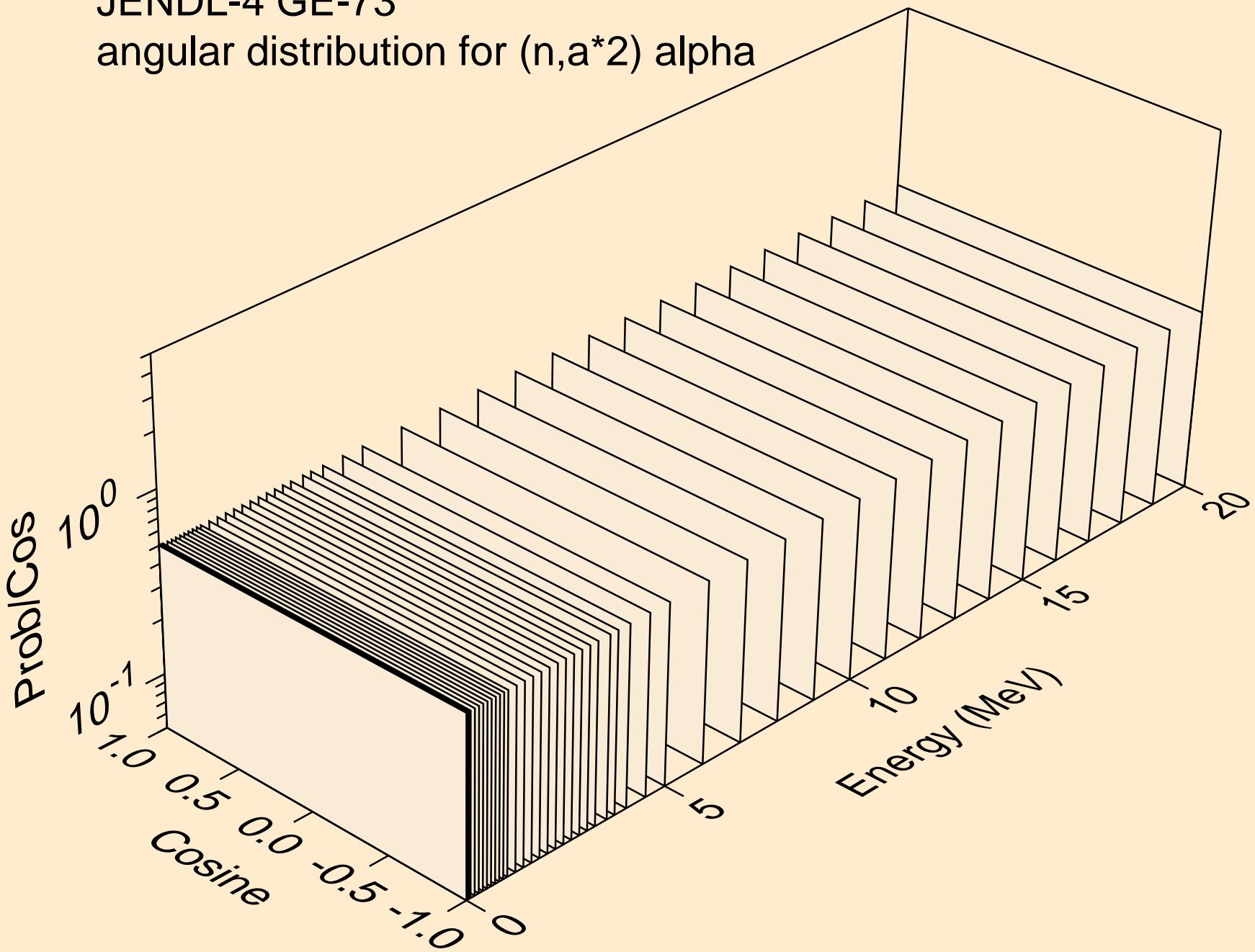
JENDL-4 GE-73  
angular distribution for ( $n,a^*0$ ) alpha



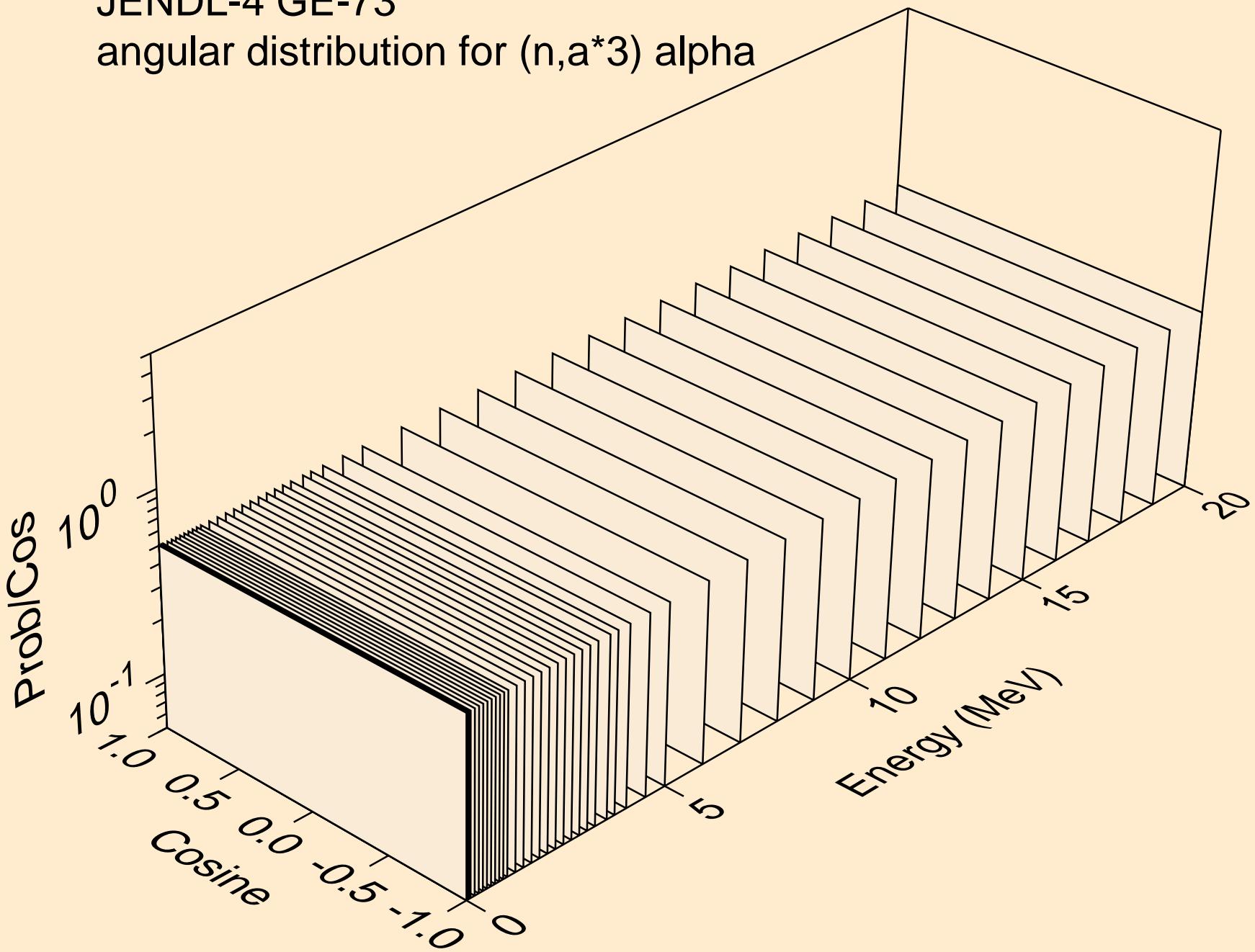
JENDL-4 GE-73  
angular distribution for (n,a\*1) alpha



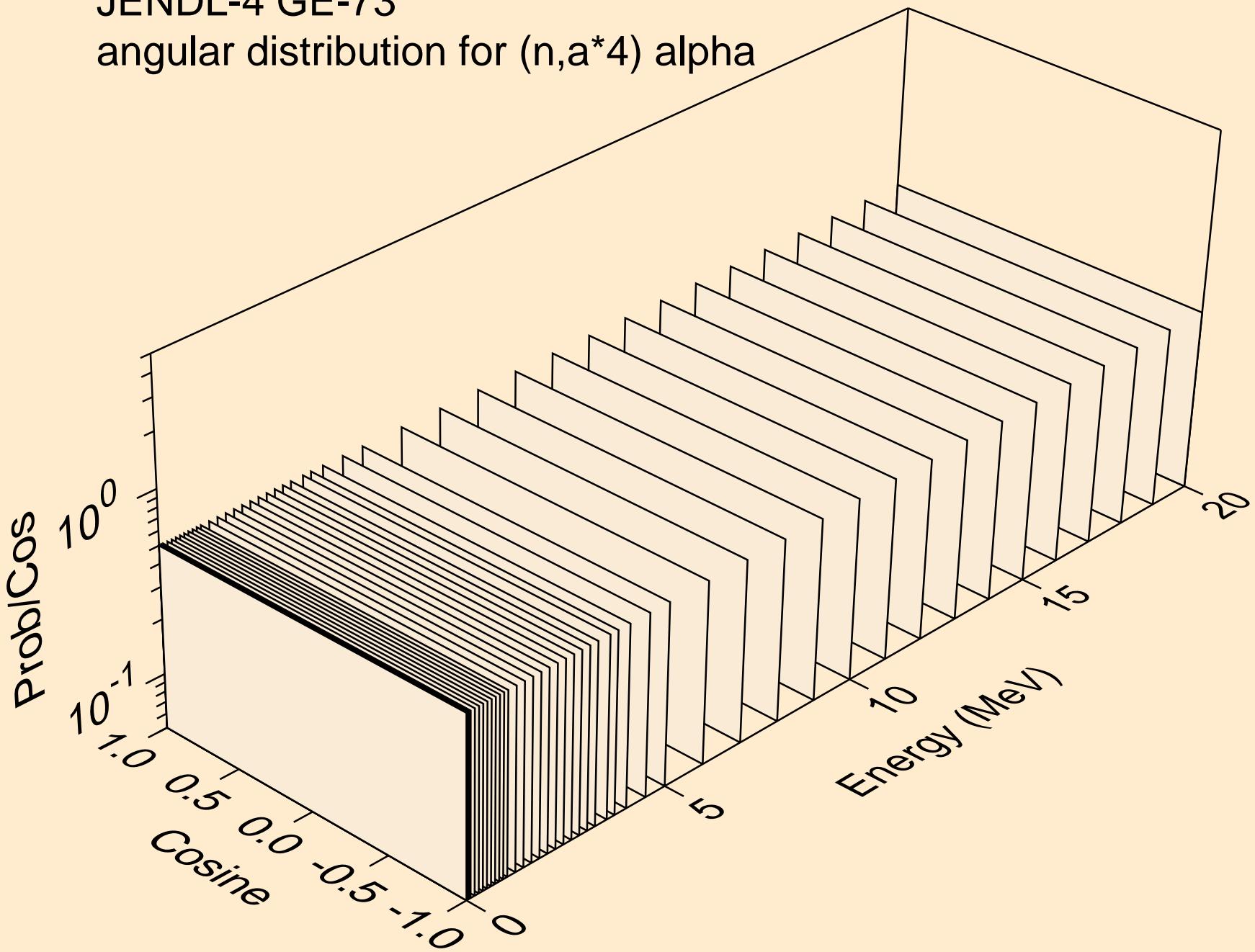
JENDL-4 GE-73  
angular distribution for  $(n,a^*)$  alpha



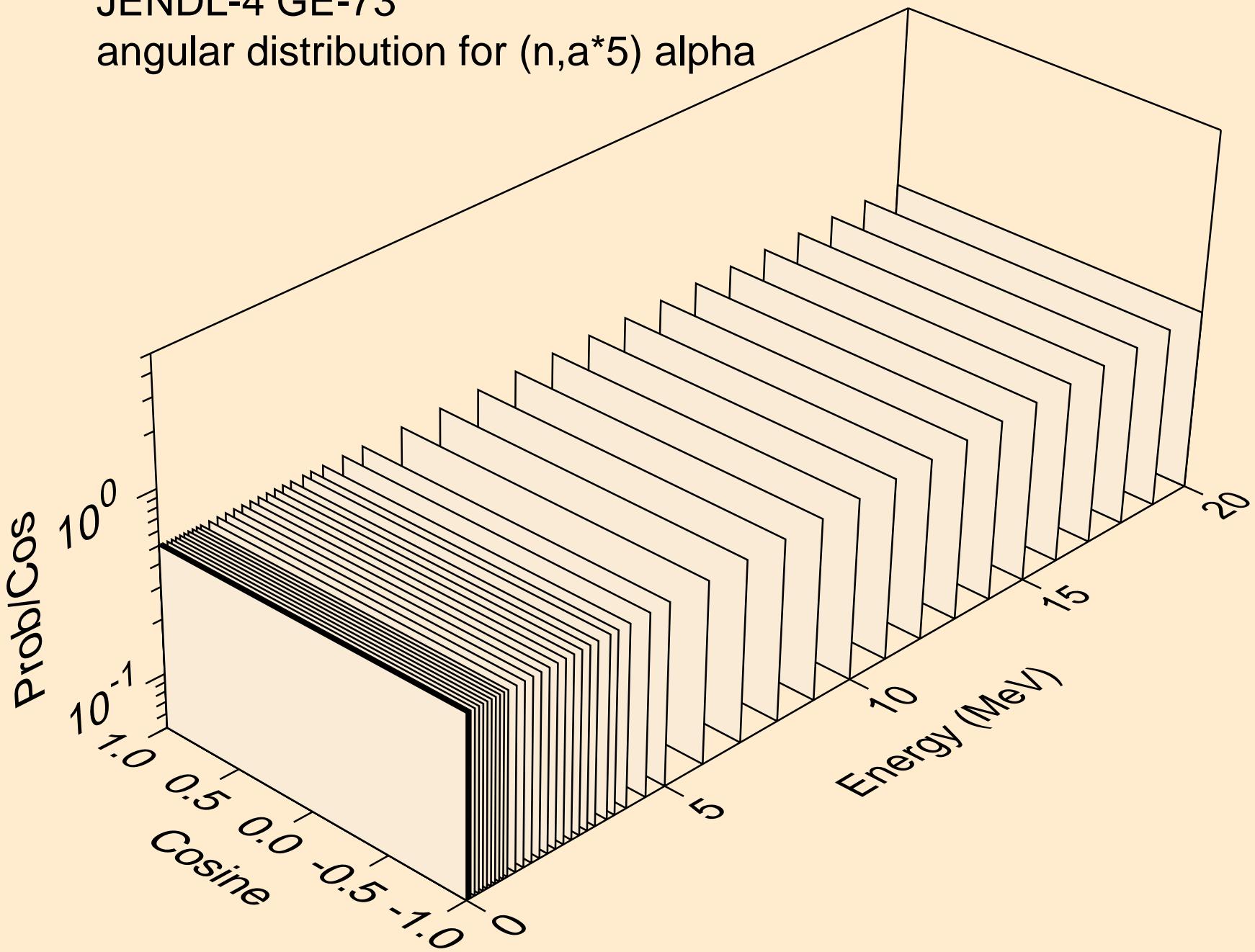
JENDL-4 GE-73  
angular distribution for ( $n,a^*3$ ) alpha



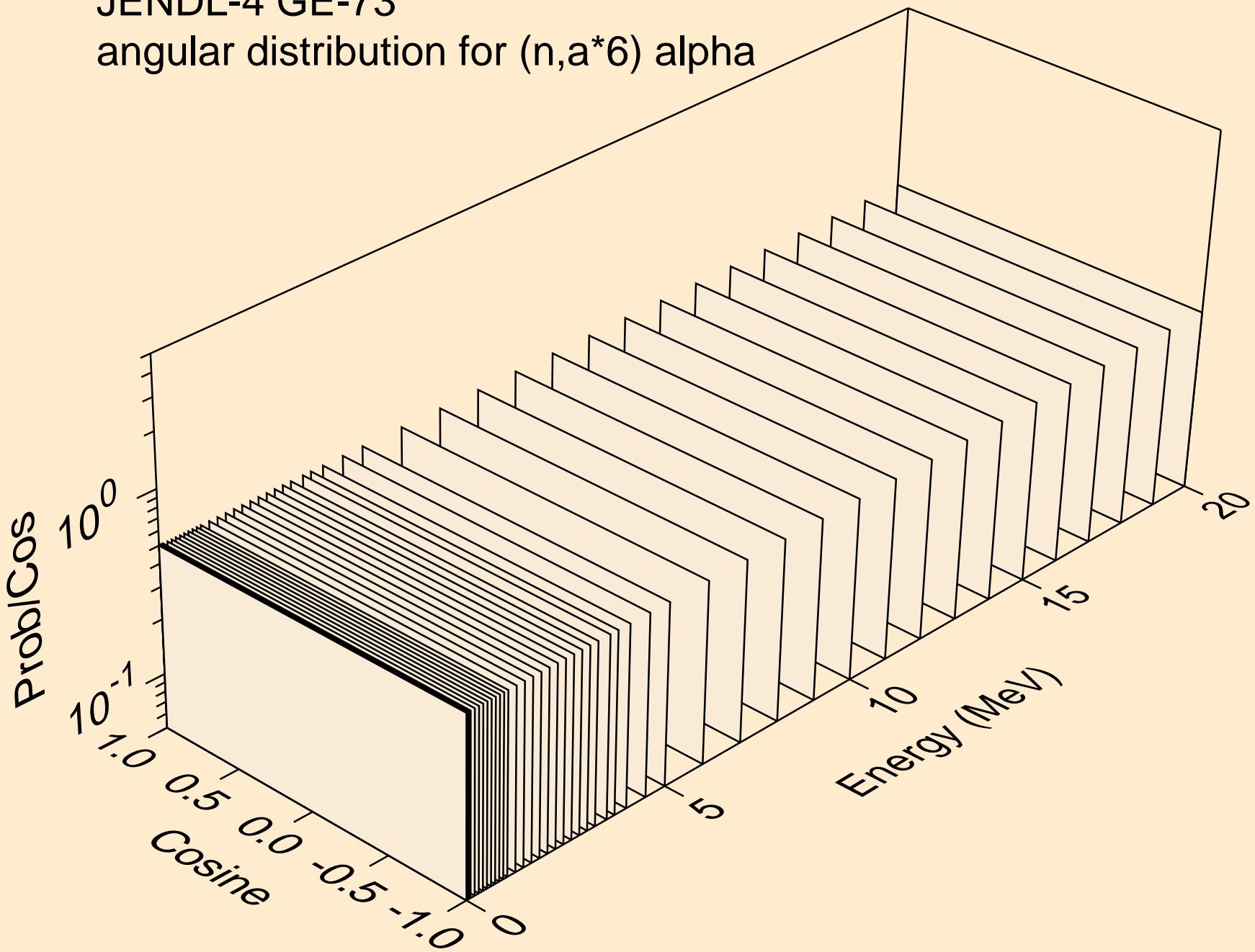
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angular distribution for ( $n,a^*4$ ) alpha



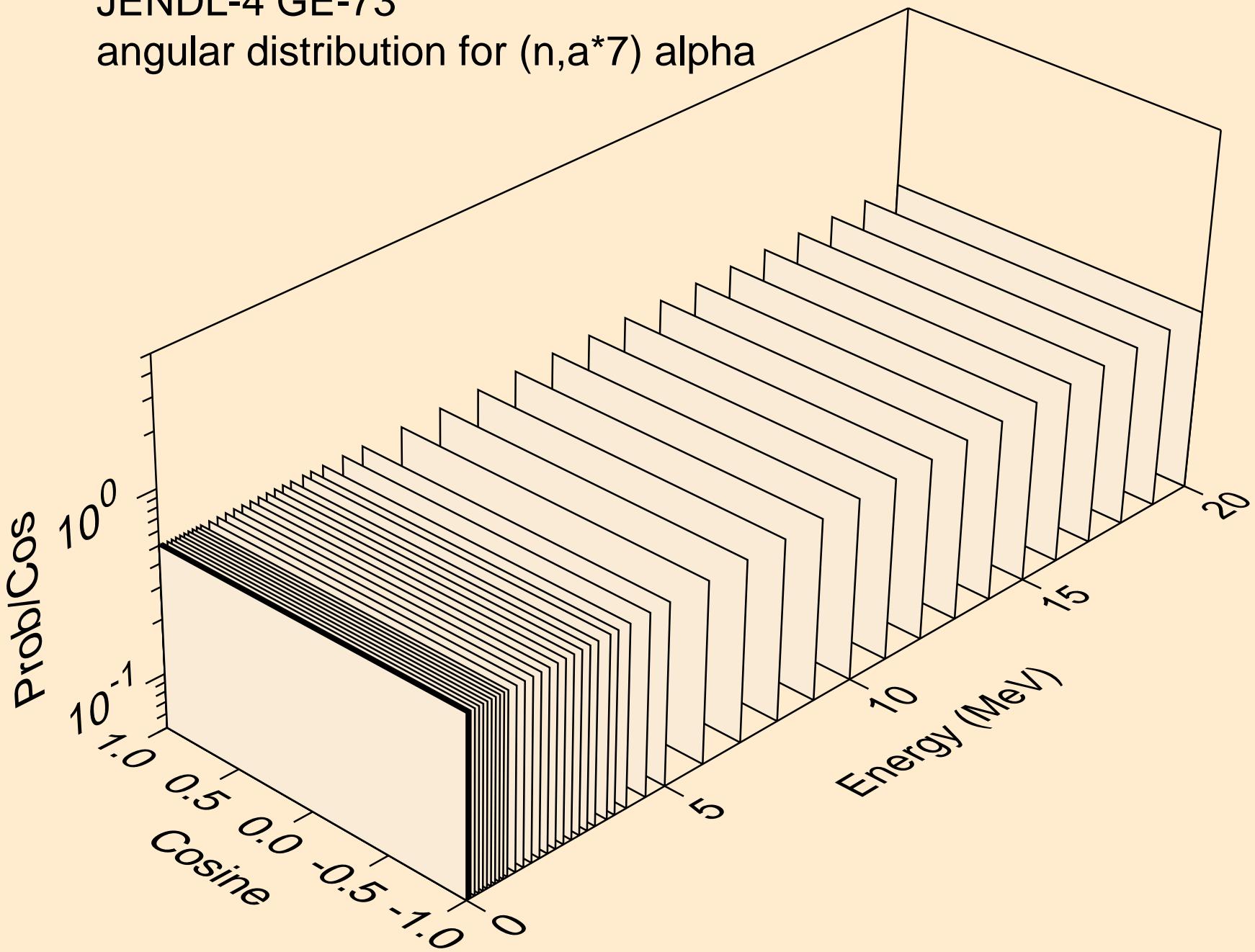
JENDL-4 GE-73  
angular distribution for (n,a\*5) alpha



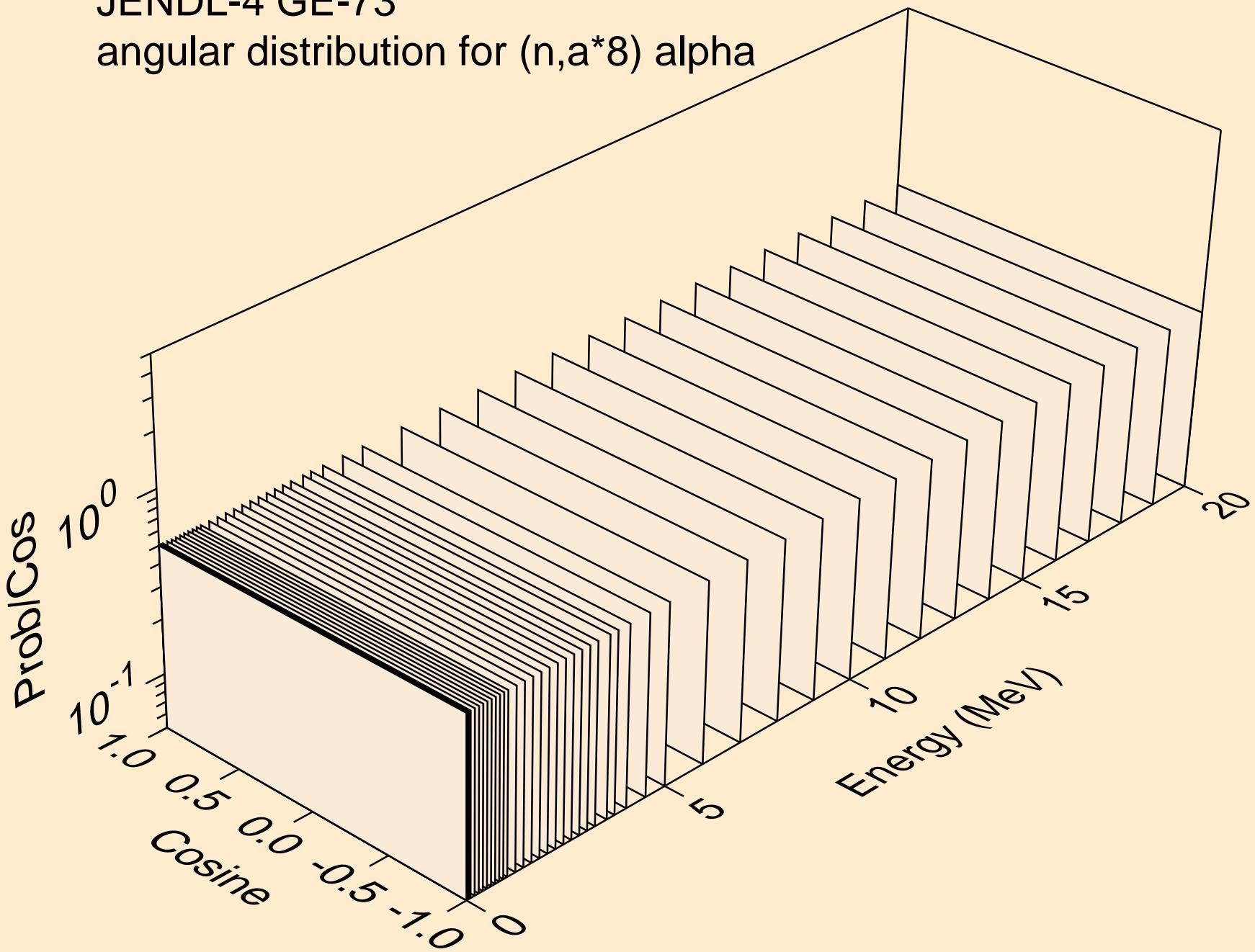
JENDL-4 GE-73  
angular distribution for (n,a\*6) alpha



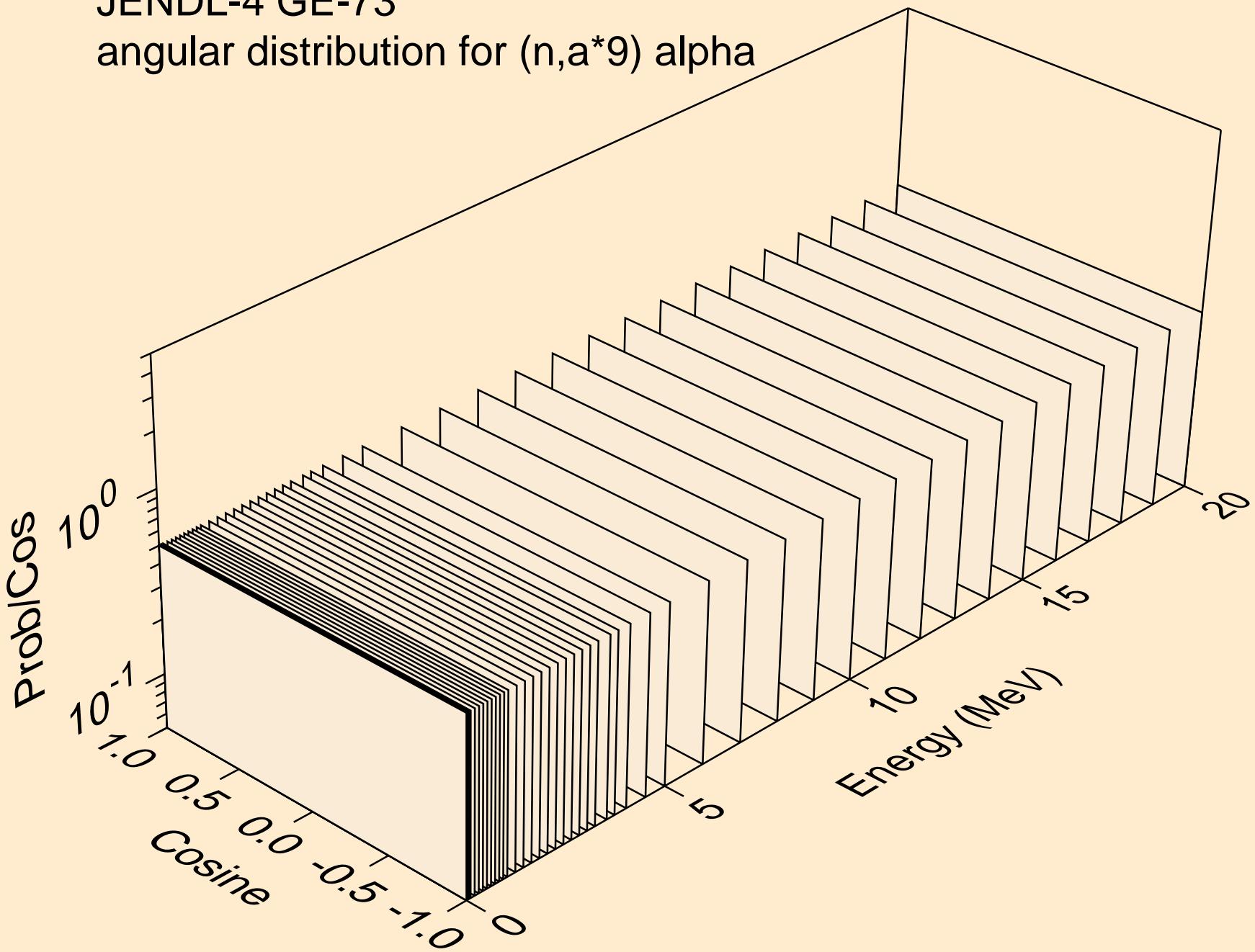
JENDL-4 GE-73  
angular distribution for ( $n,a^*7$ ) alpha



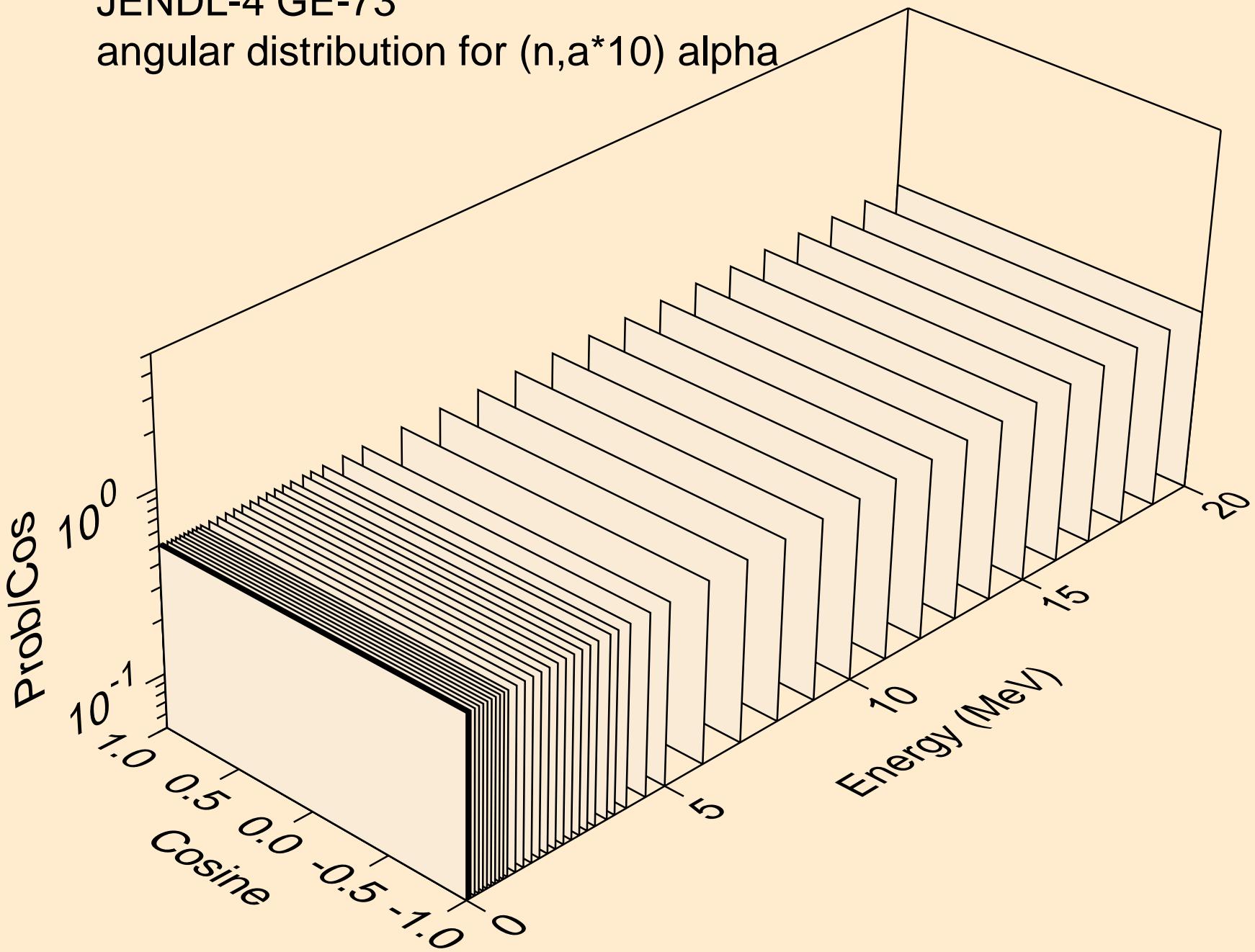
JENDL-4 GE-73  
angular distribution for (n,a\*8) alpha



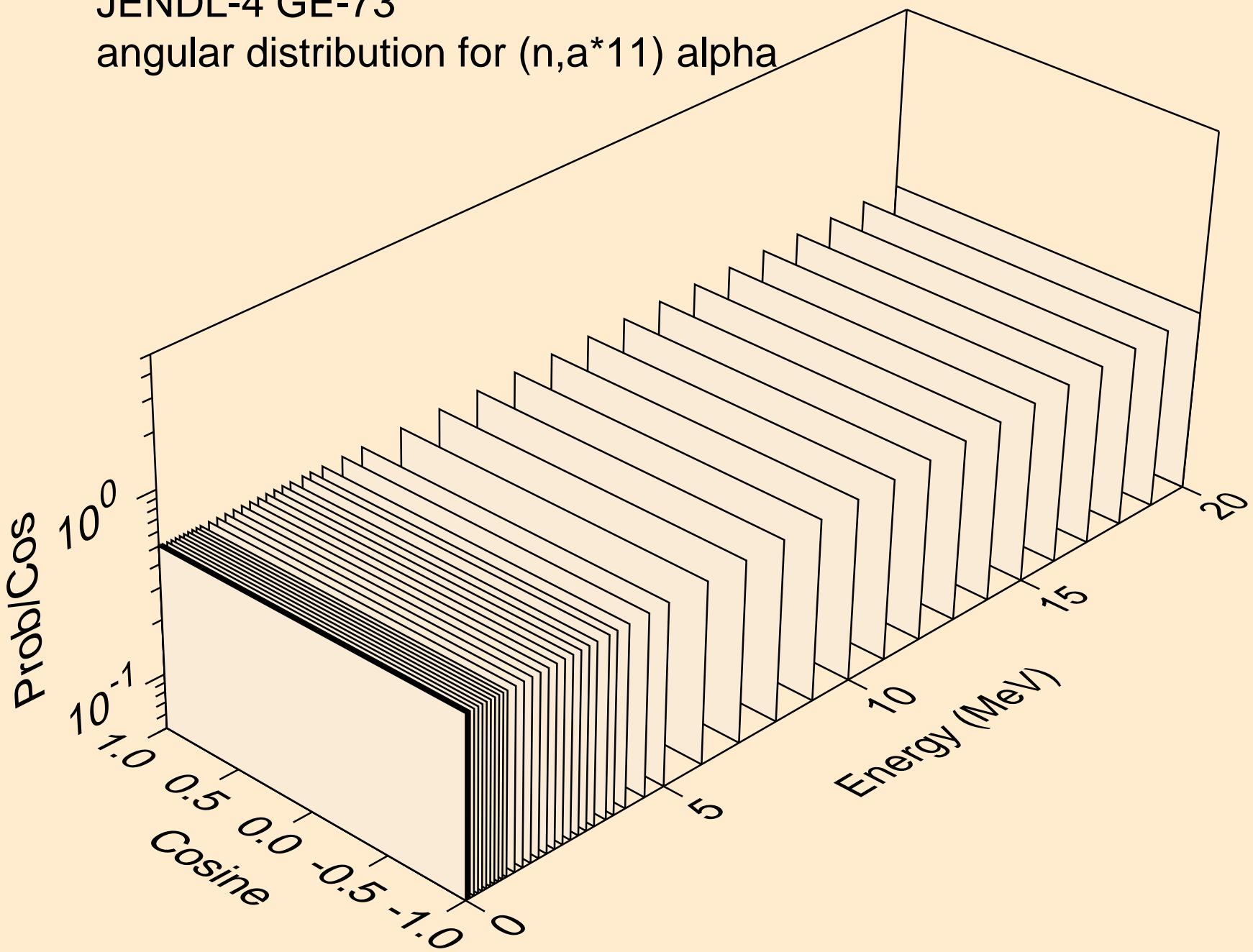
JENDL-4 GE-73  
angular distribution for (n,a\*9) alpha



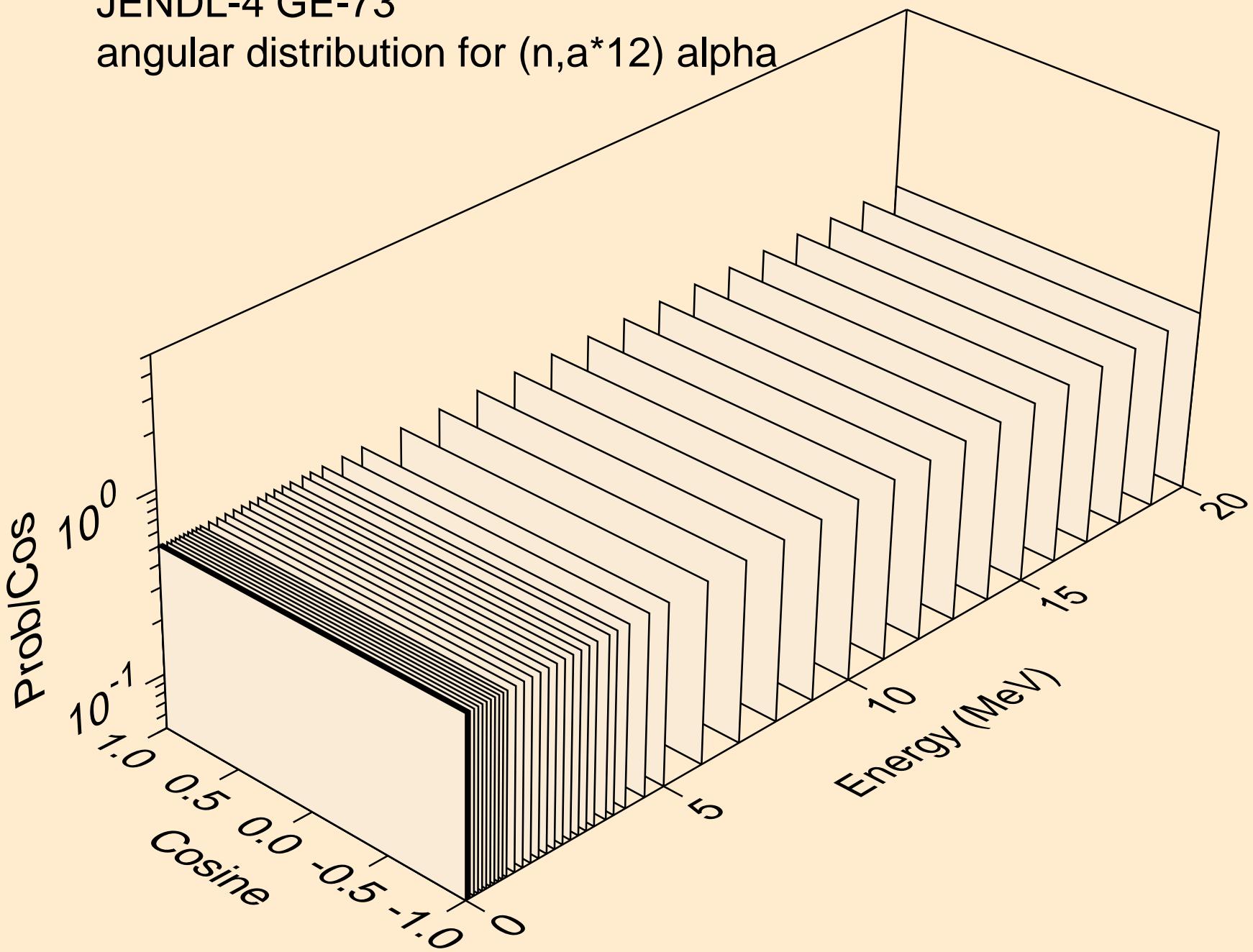
JENDL-4 GE-73  
angular distribution for (n,a\*10) alpha



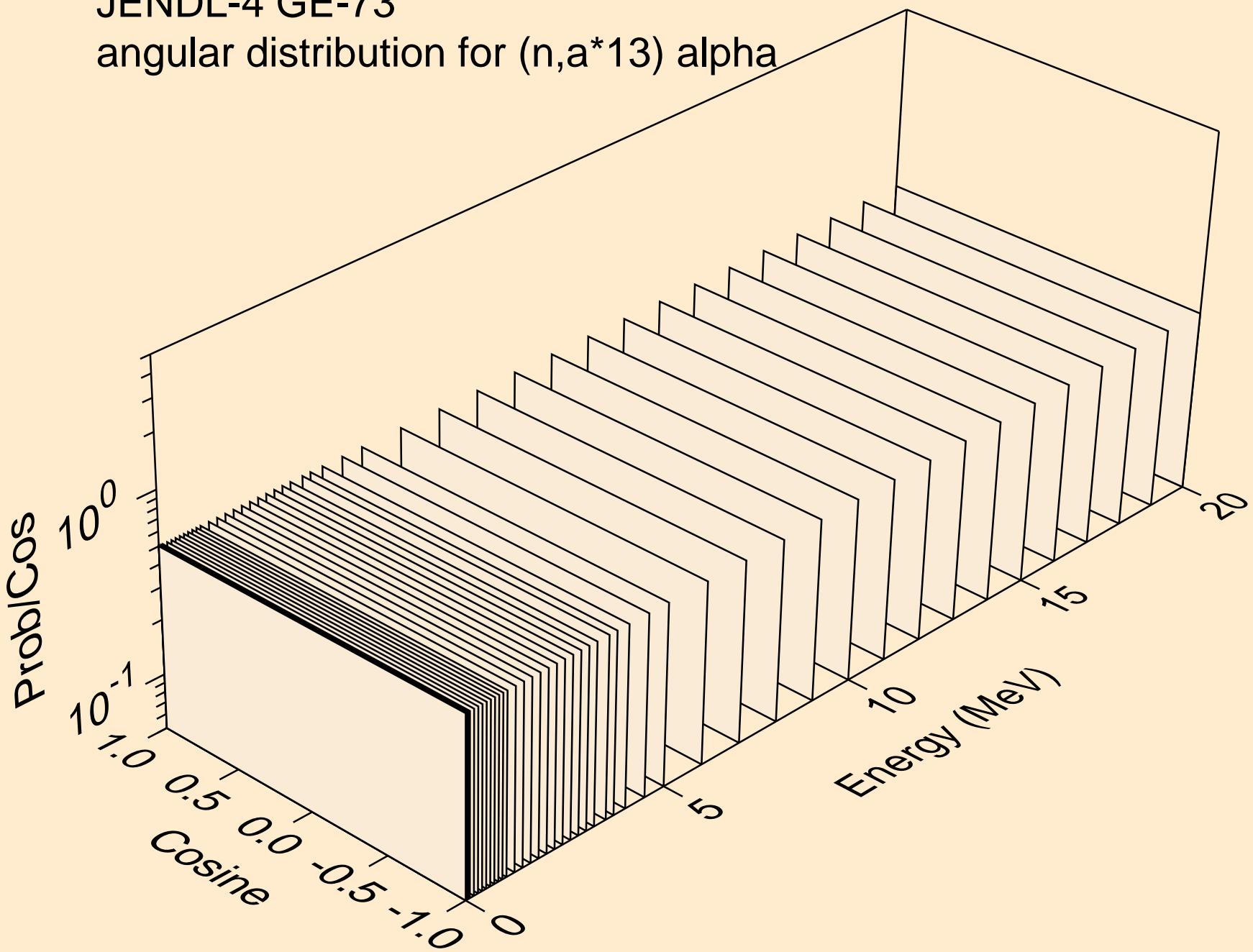
JENDL-4 GE-73  
angular distribution for ( $n,a^*11$ ) alpha



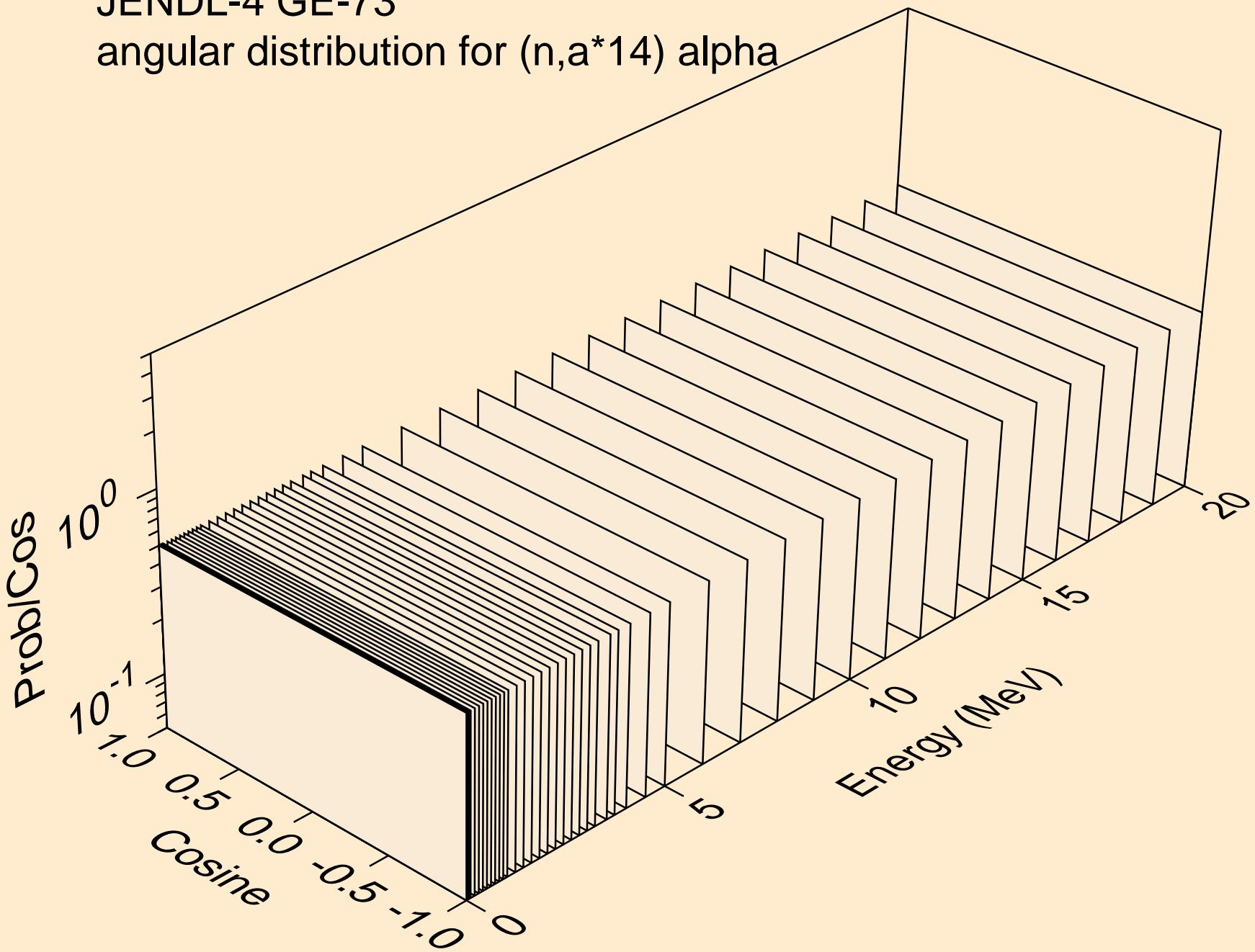
JENDL-4 GE-73  
angular distribution for (n,a\*12) alpha



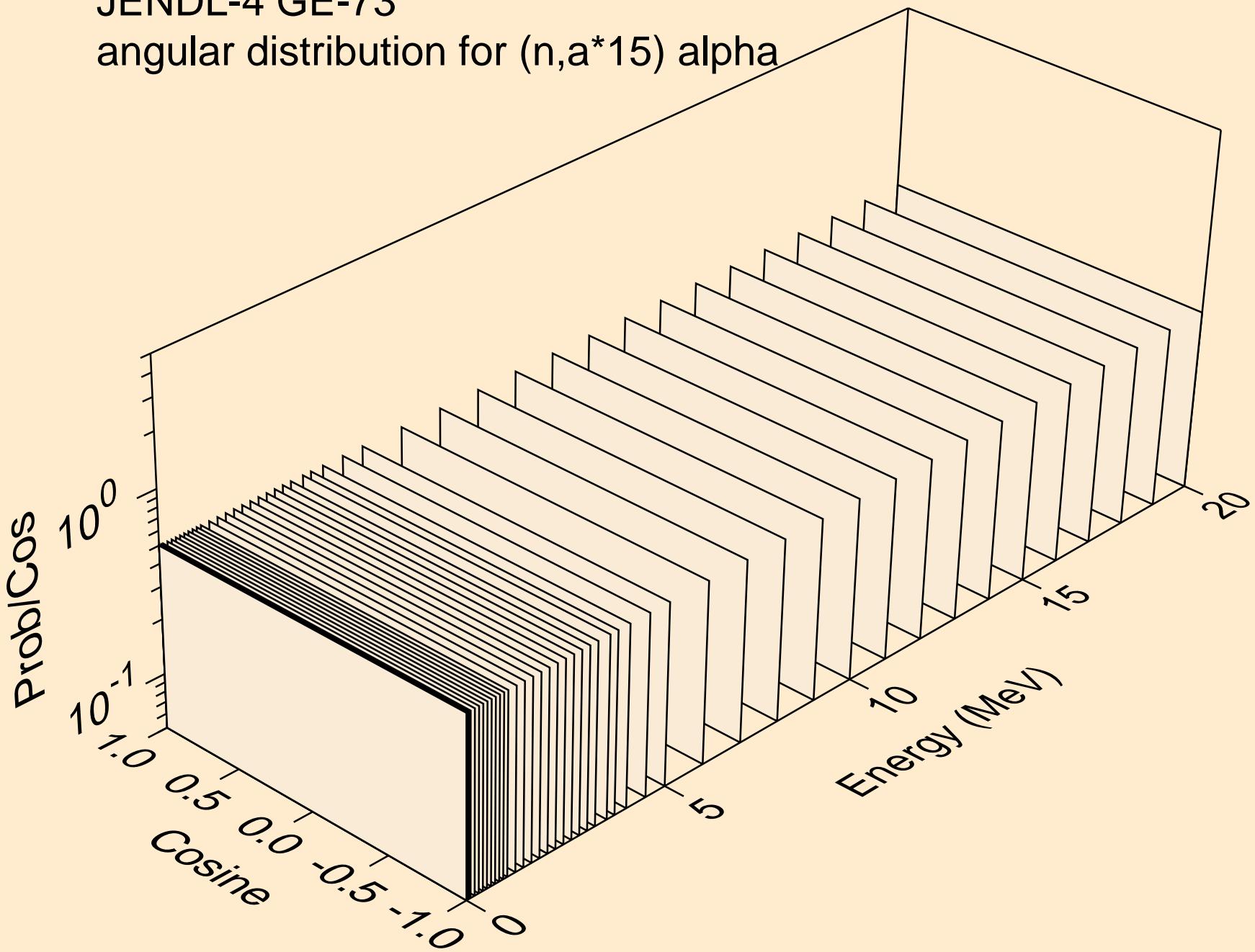
JENDL-4 GE-73  
angular distribution for ( $n,a^*13$ ) alpha



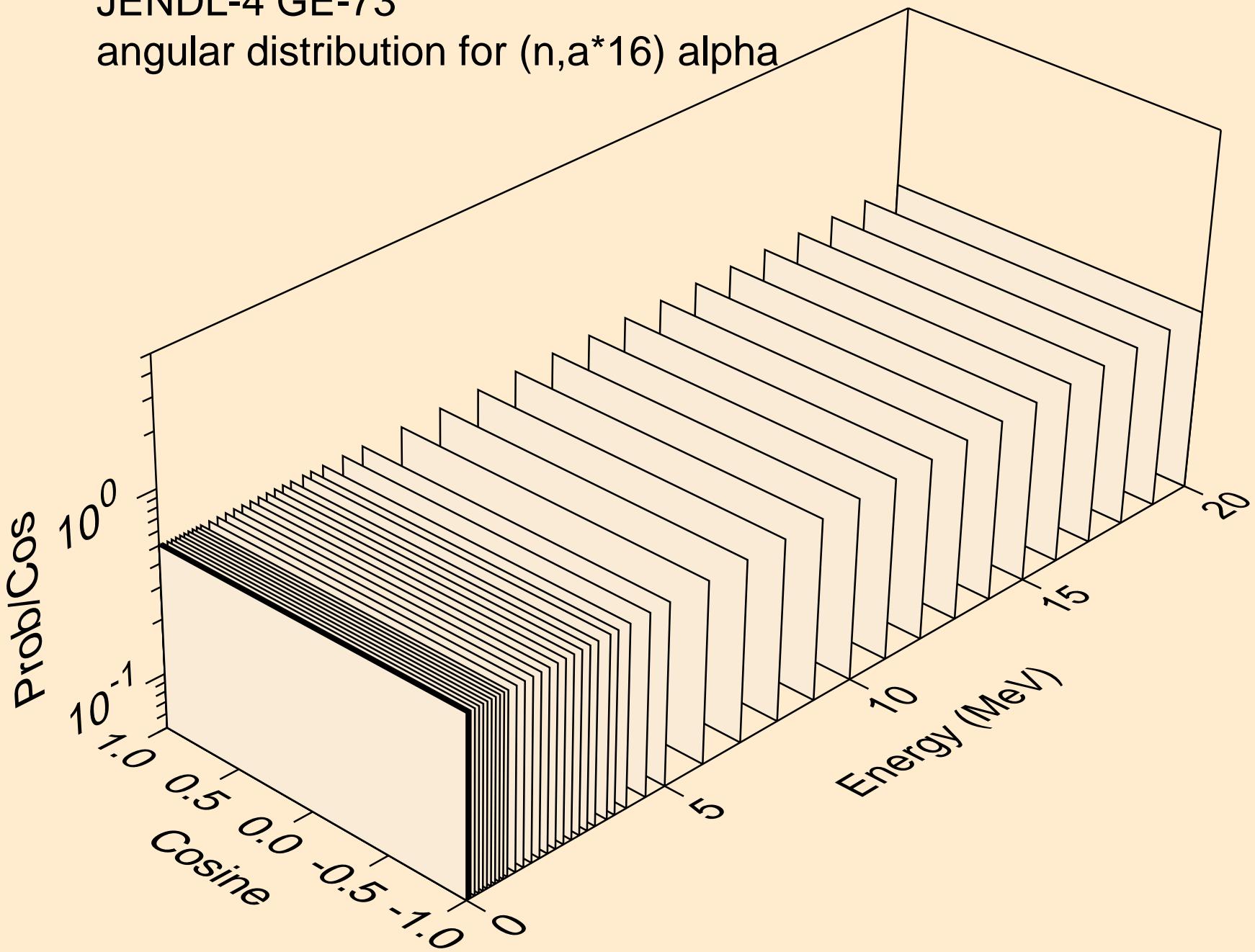
JENDL-4 GE-73  
angular distribution for ( $n,a^*14$ ) alpha



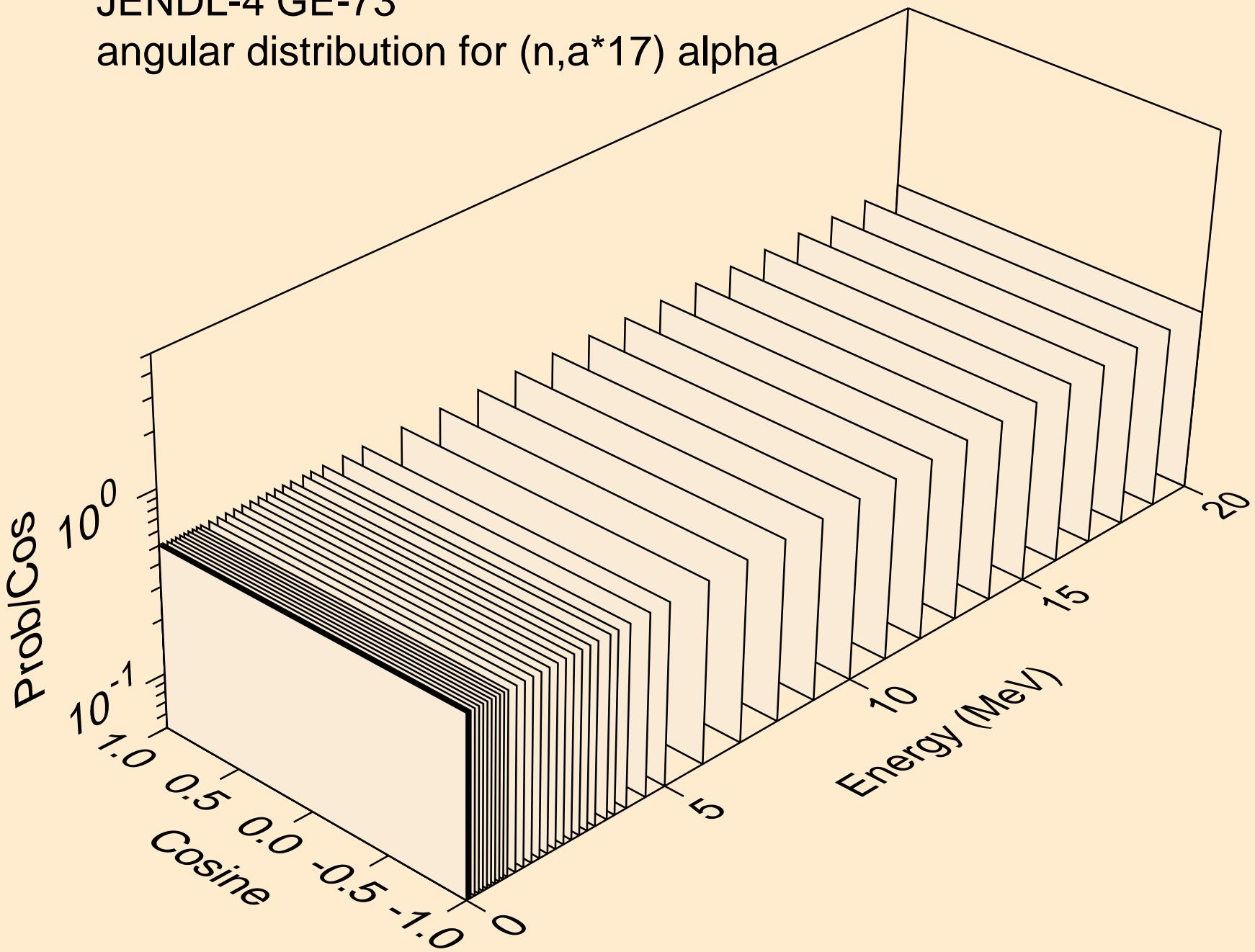
JENDL-4 GE-73  
angular distribution for (n,a\*15) alpha



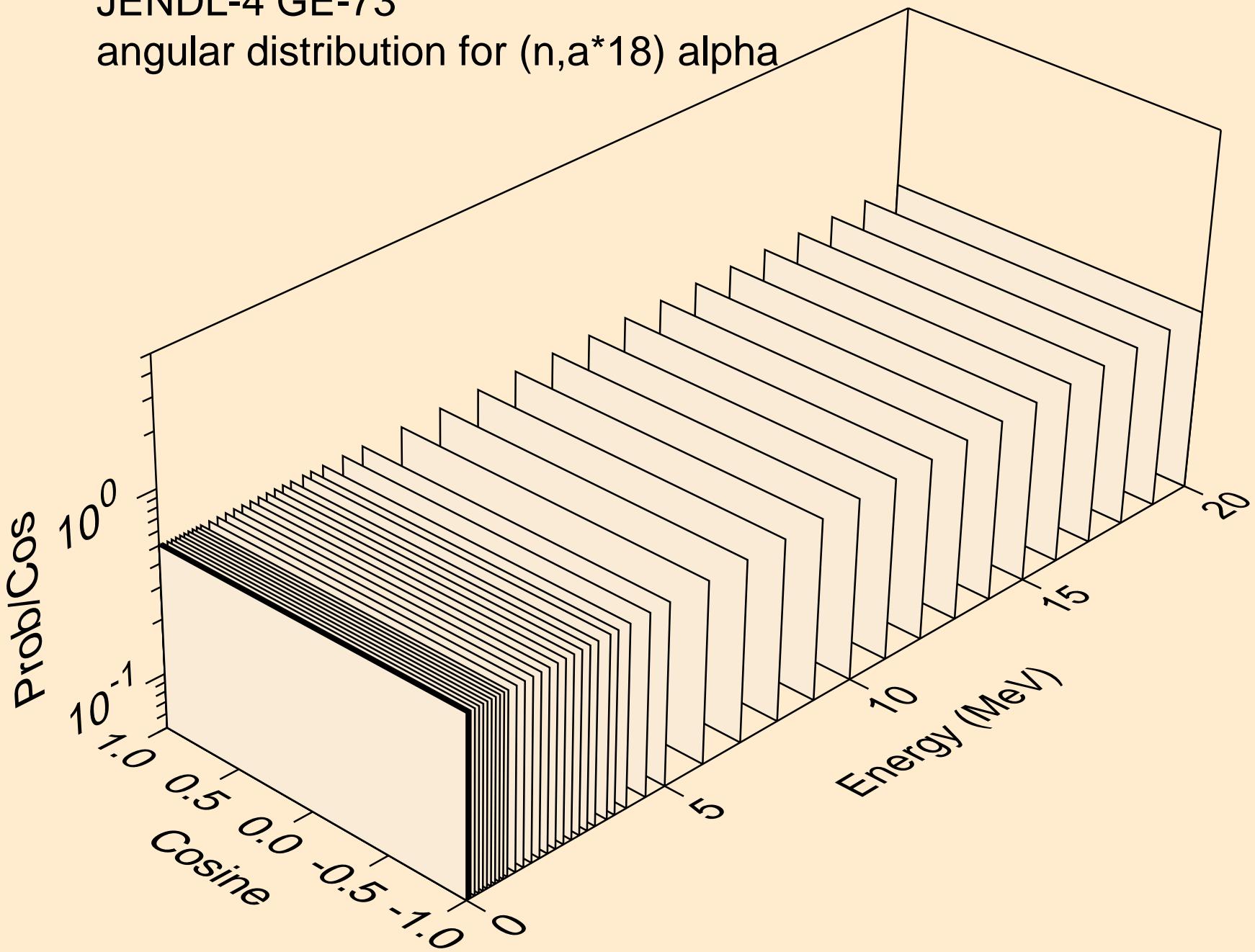
JENDL-4 GE-73  
angular distribution for (n,a\*16) alpha



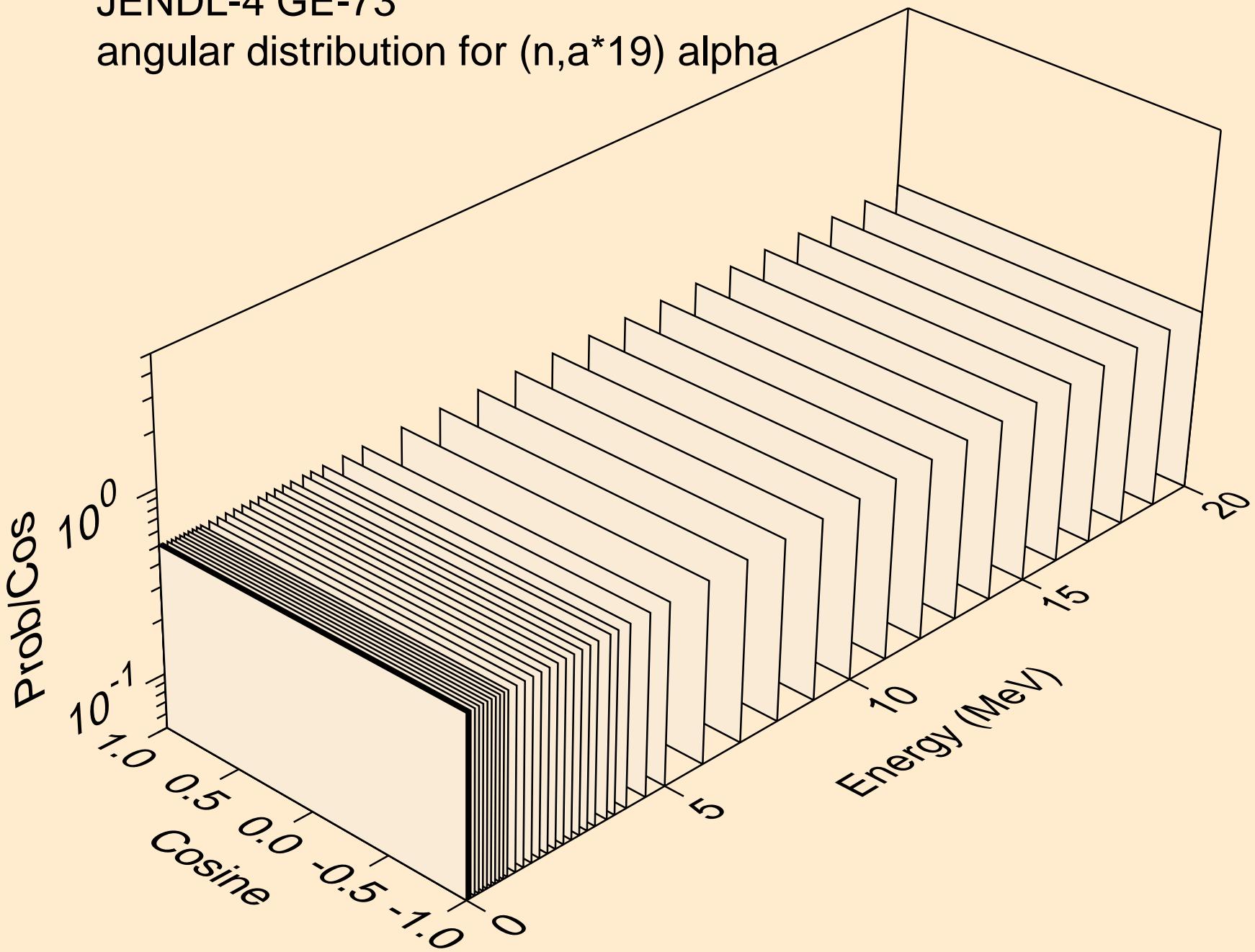
JENDL-4 GE-73  
angular distribution for ( $n,a^*17$ ) alpha



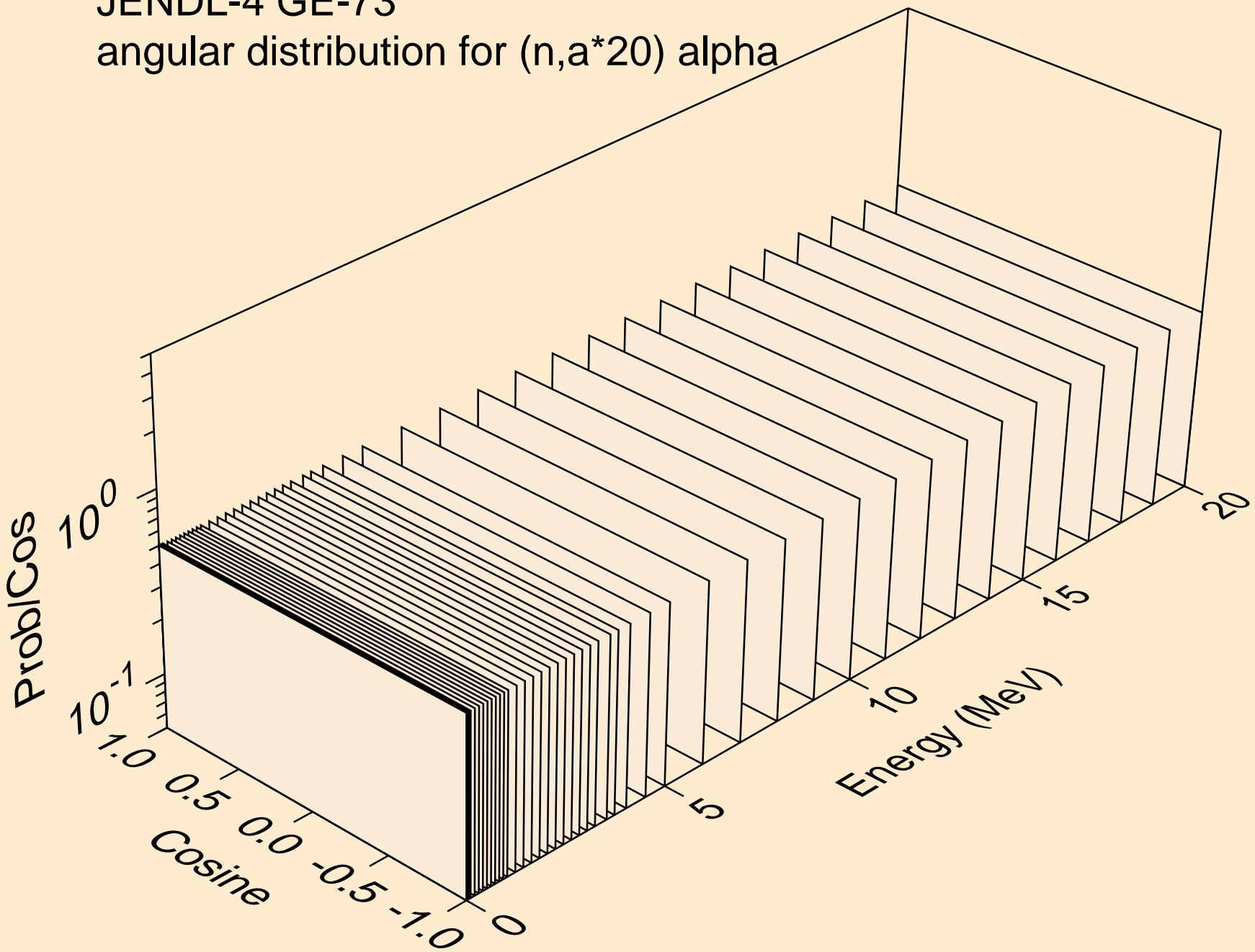
JENDL-4 GE-73  
angular distribution for ( $n,a^*18$ ) alpha



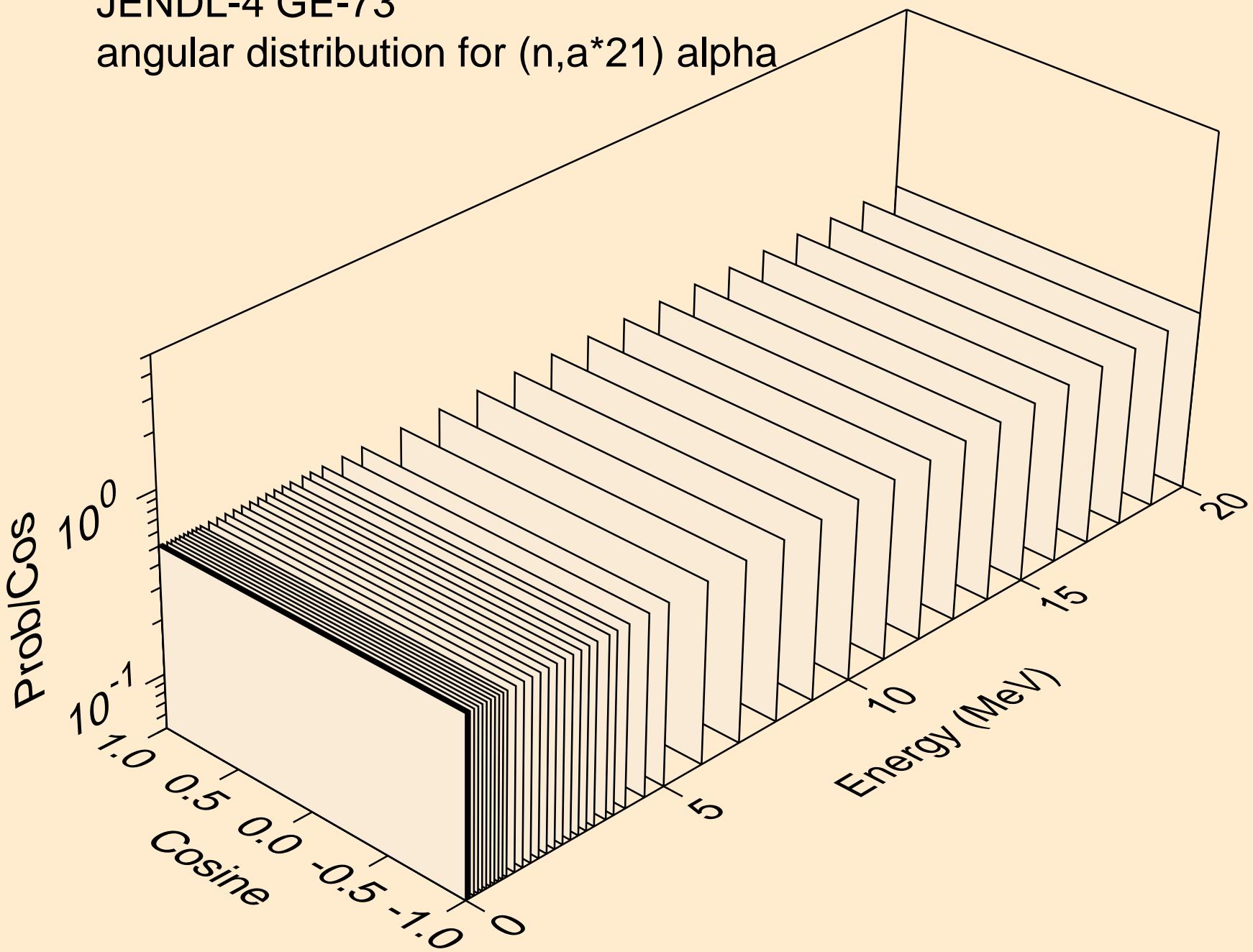
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angular distribution for ( $n,a^*19$ ) alpha



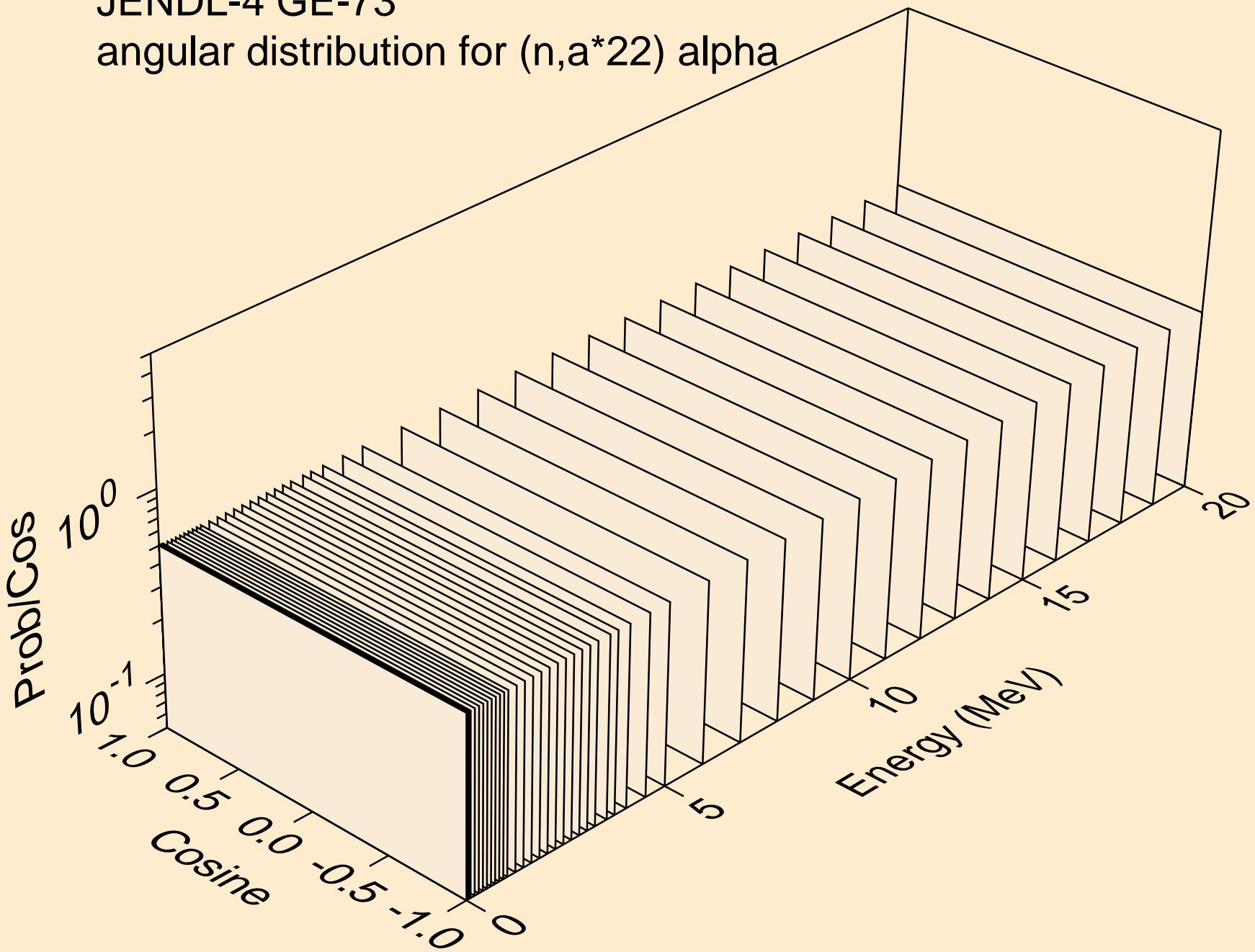
JENDL-4 GE-73  
angular distribution for (n,a\*20) alpha



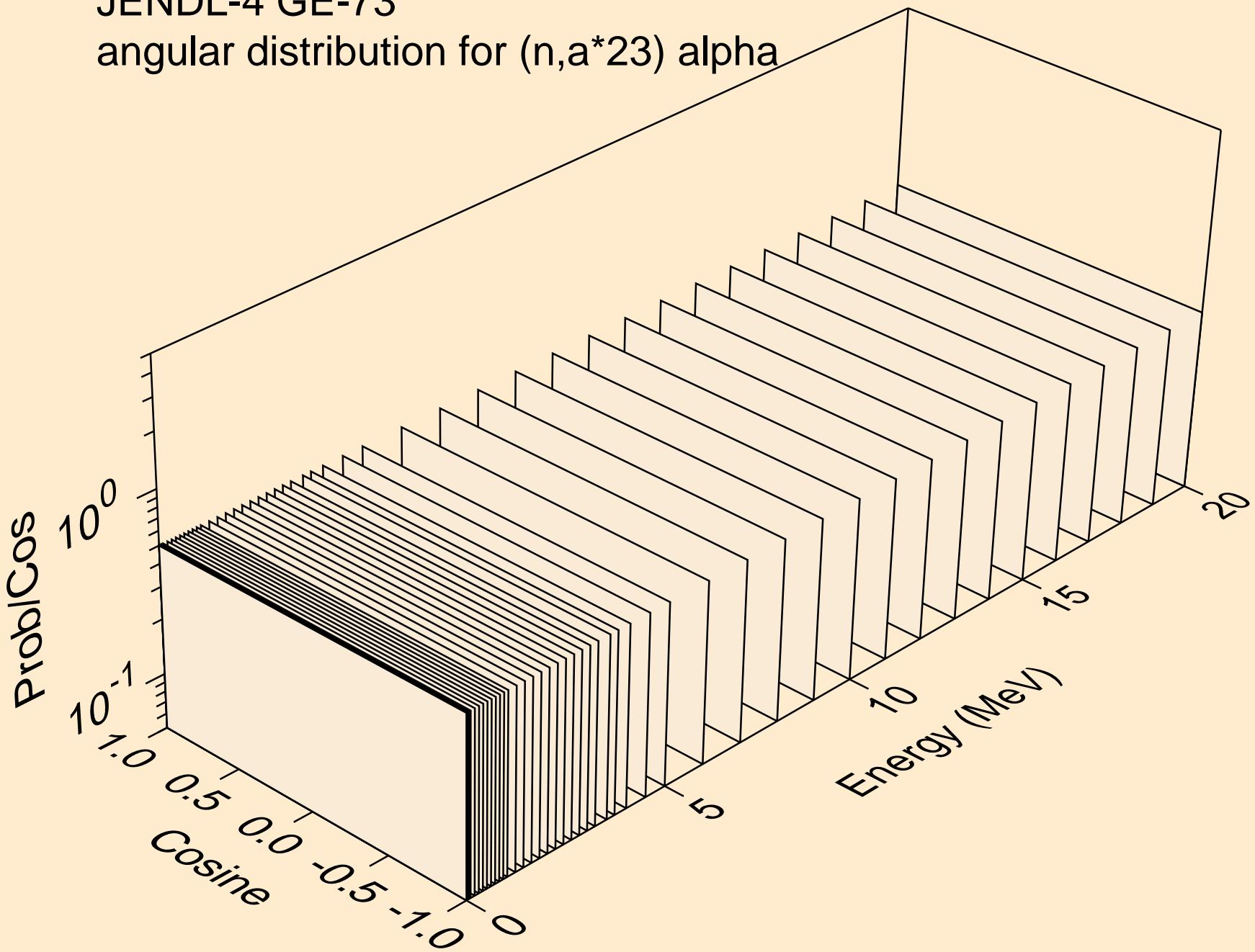
JENDL-4 GE-73  
angular distribution for ( $n,a^*21$ ) alpha



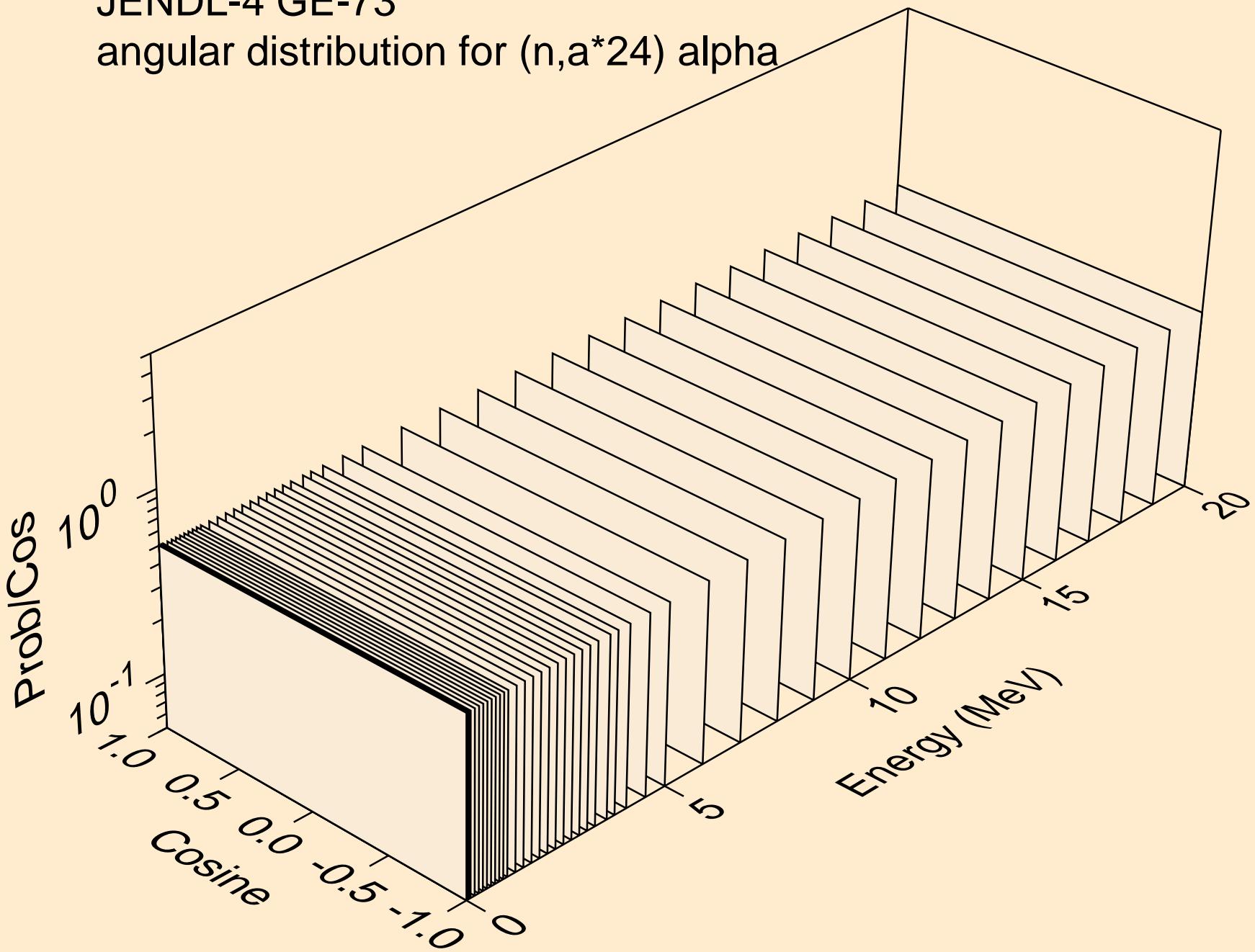
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angular distribution for ( $n, \alpha^* 22$ ) alpha



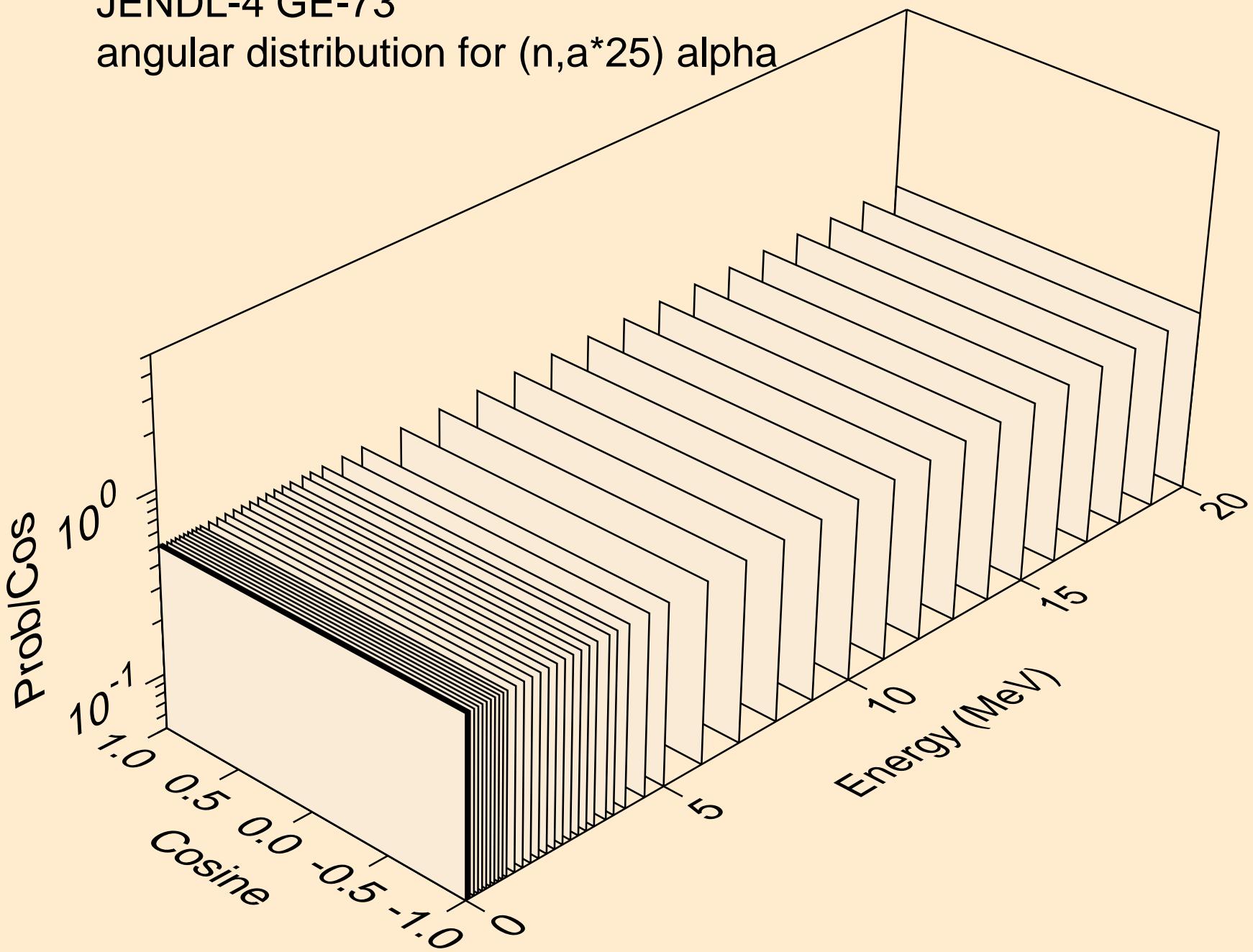
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angular distribution for ( $n, \alpha^* 23$ ) alpha



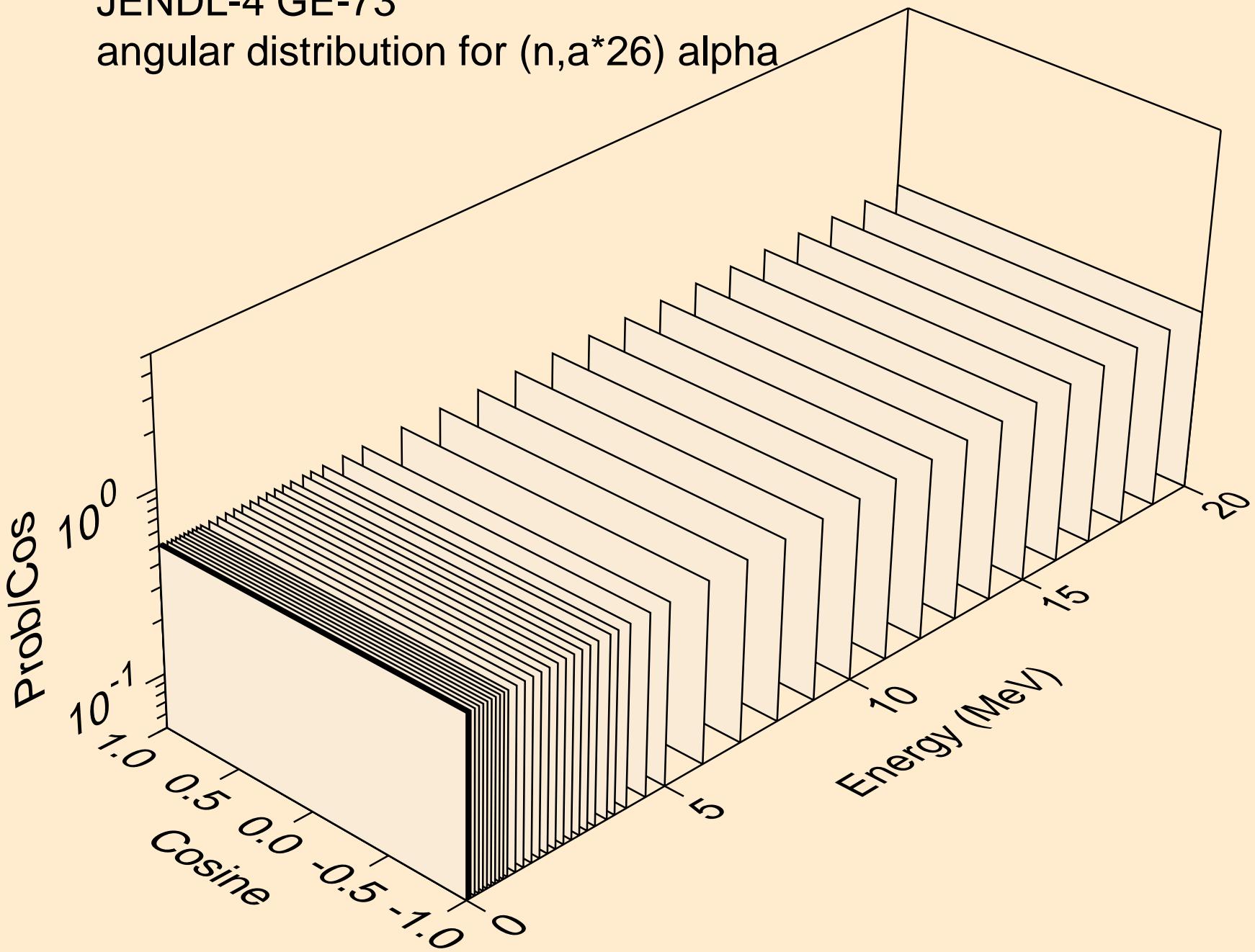
JENDL-4 GE-73  
angular distribution for ( $n,a^*24$ ) alpha



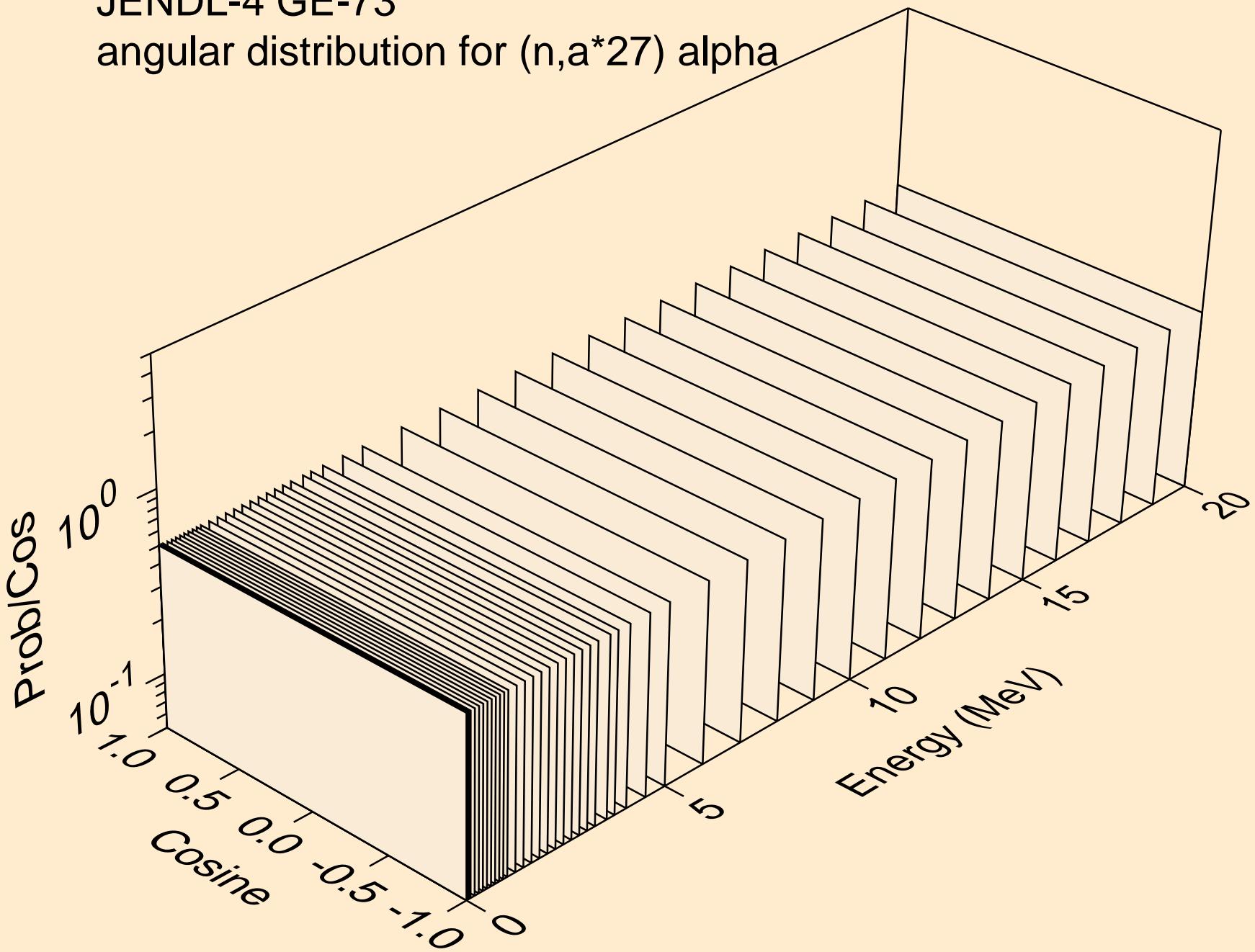
JENDL-4 GE-73  
angular distribution for ( $n,a^*25$ ) alpha



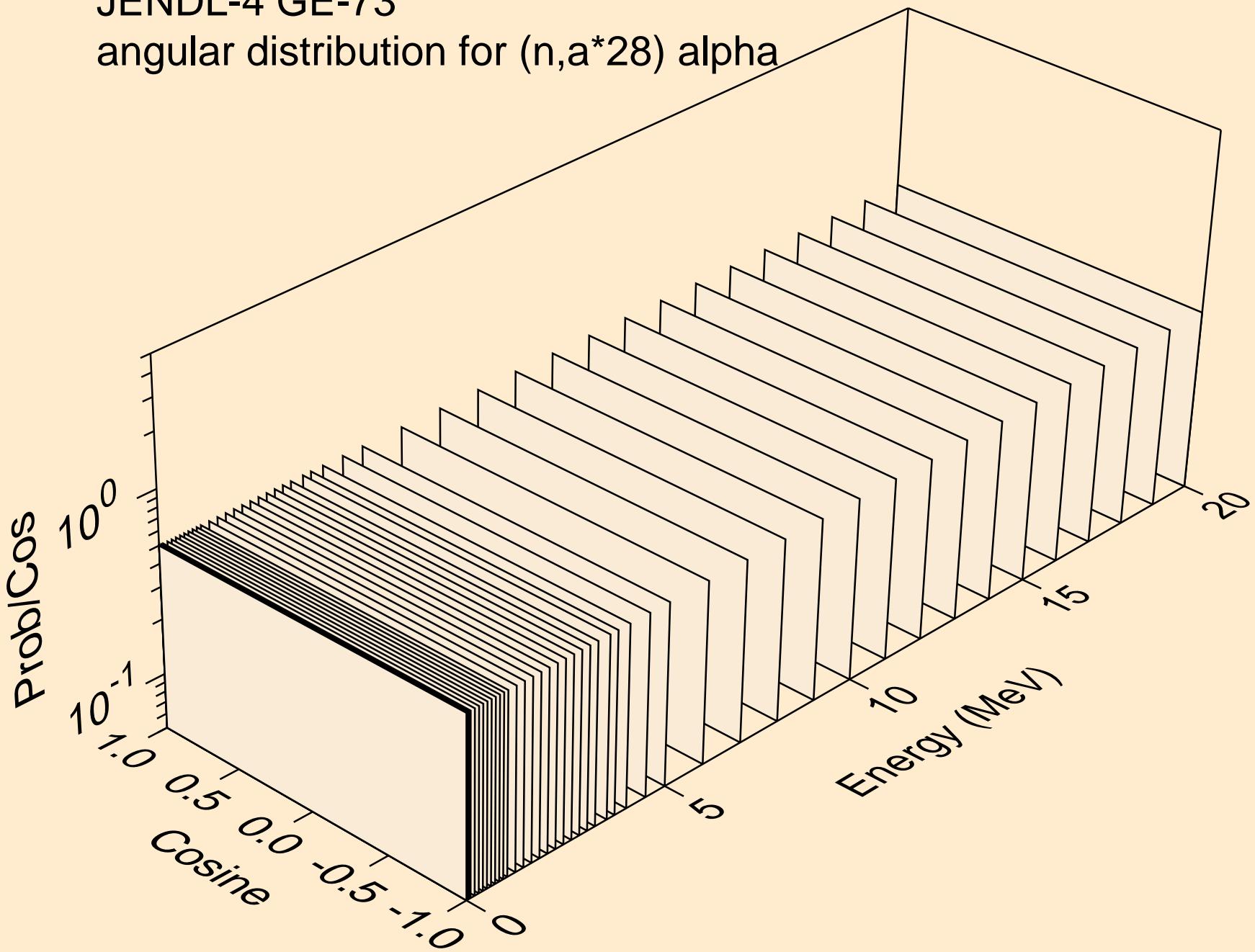
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angular distribution for ( $n,a^*26$ ) alpha



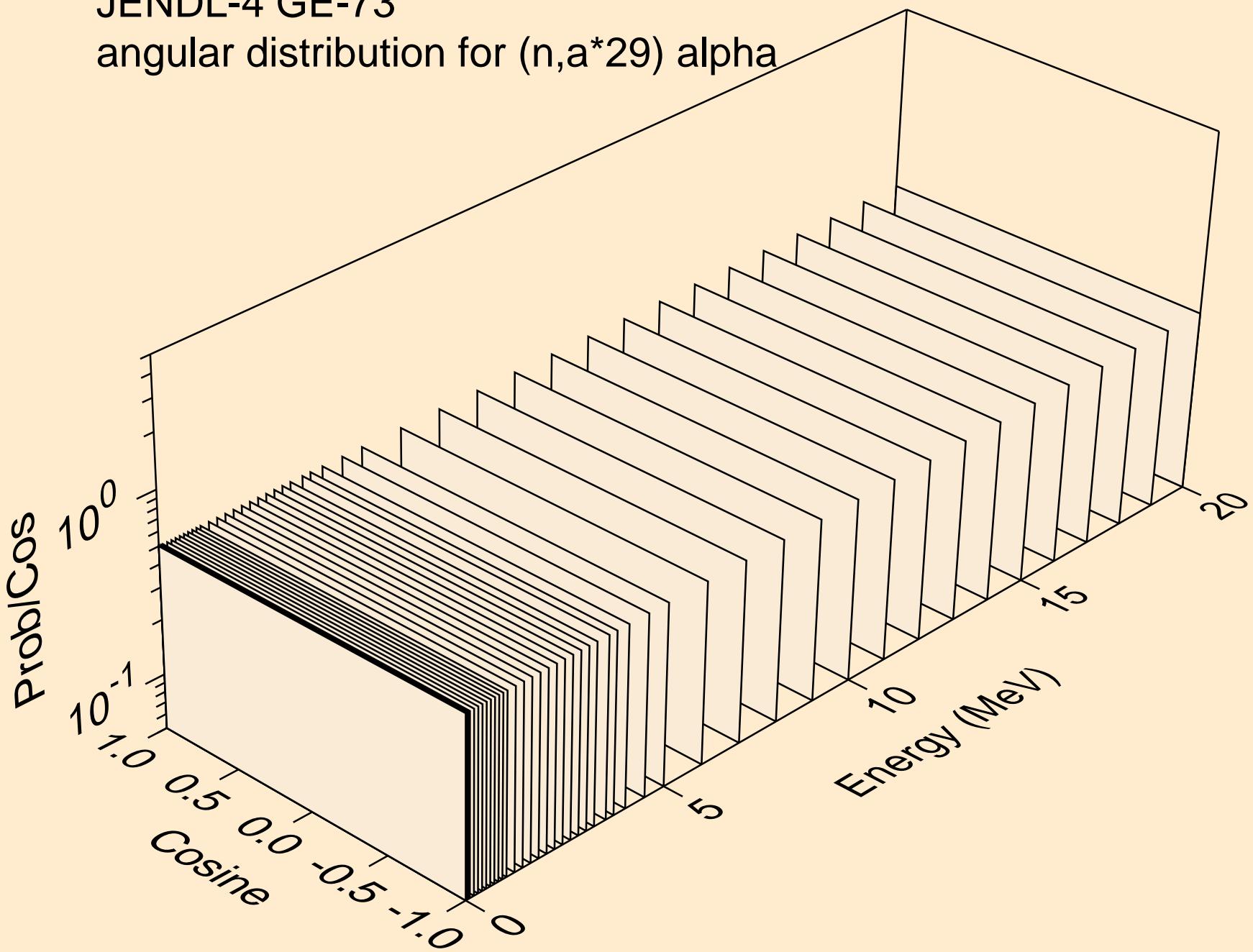
JENDL-4 GE-73  
angular distribution for ( $n, \alpha^* 27$ ) alpha



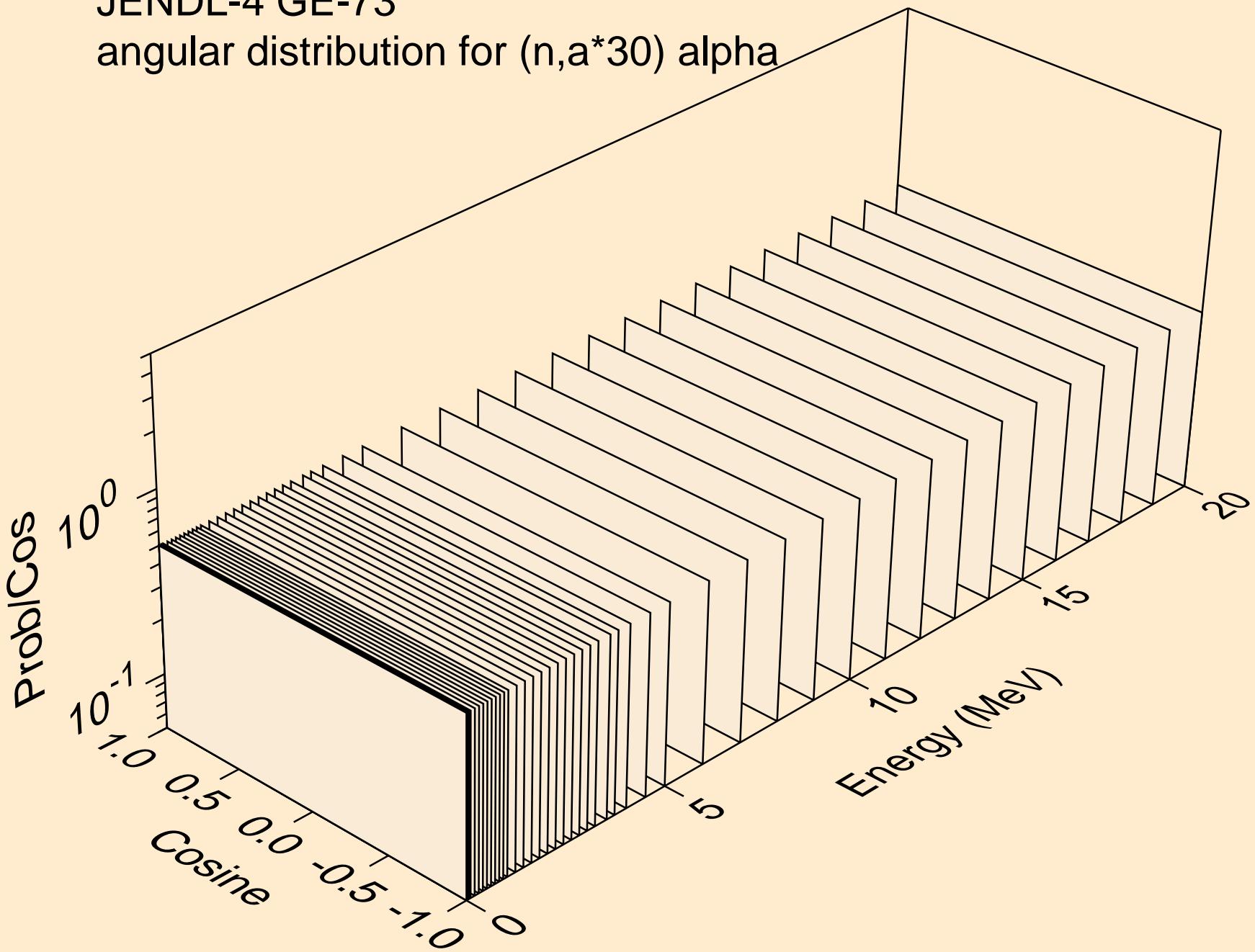
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angular distribution for ( $n,a^*28$ ) alpha



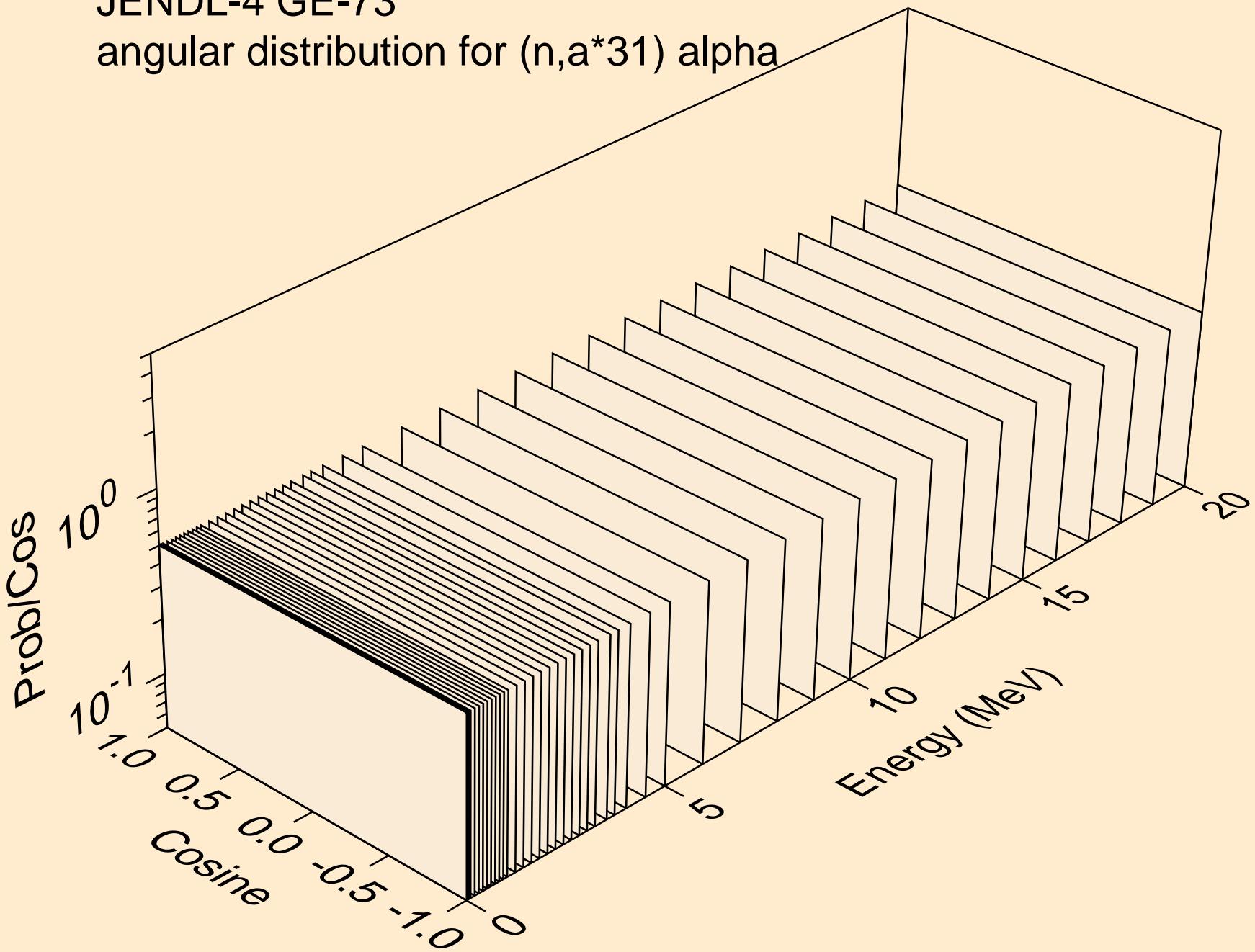
JENDL-4 GE-73  
angular distribution for ( $n,a^*29$ ) alpha



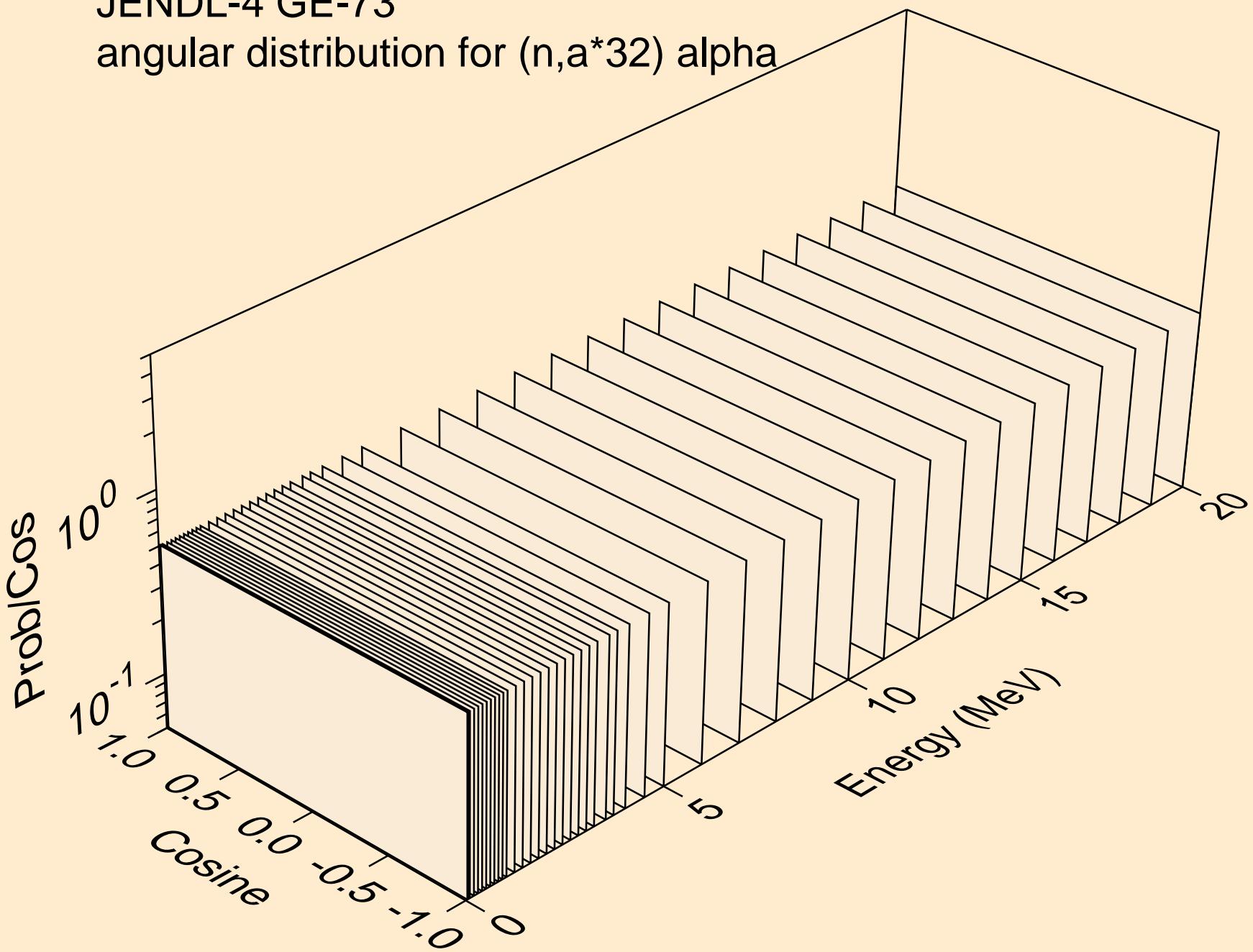
JENDL-4 GE-73  
angular distribution for (n,a\*30) alpha



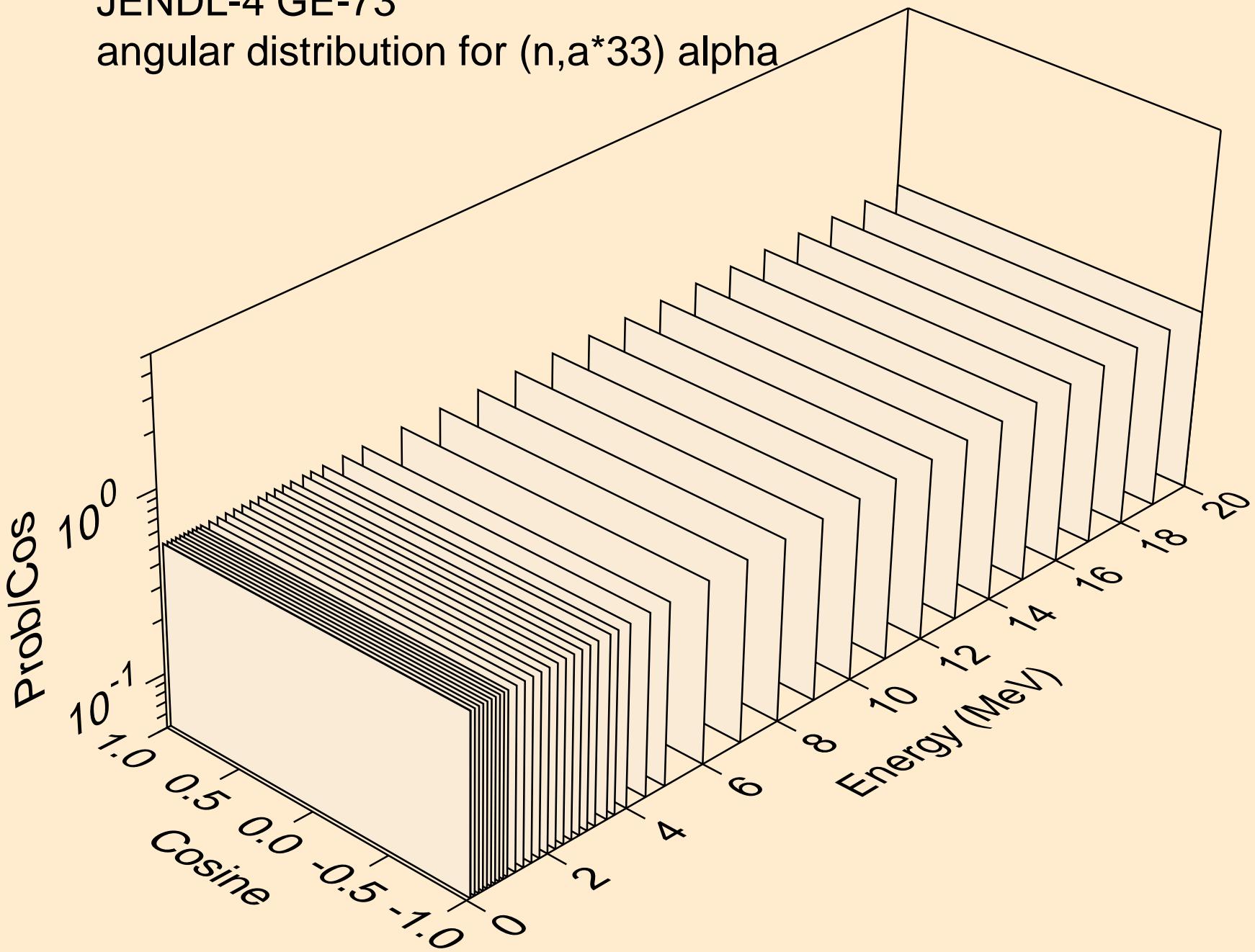
JENDL-4 GE-73  
angular distribution for ( $n,a^*31$ ) alpha



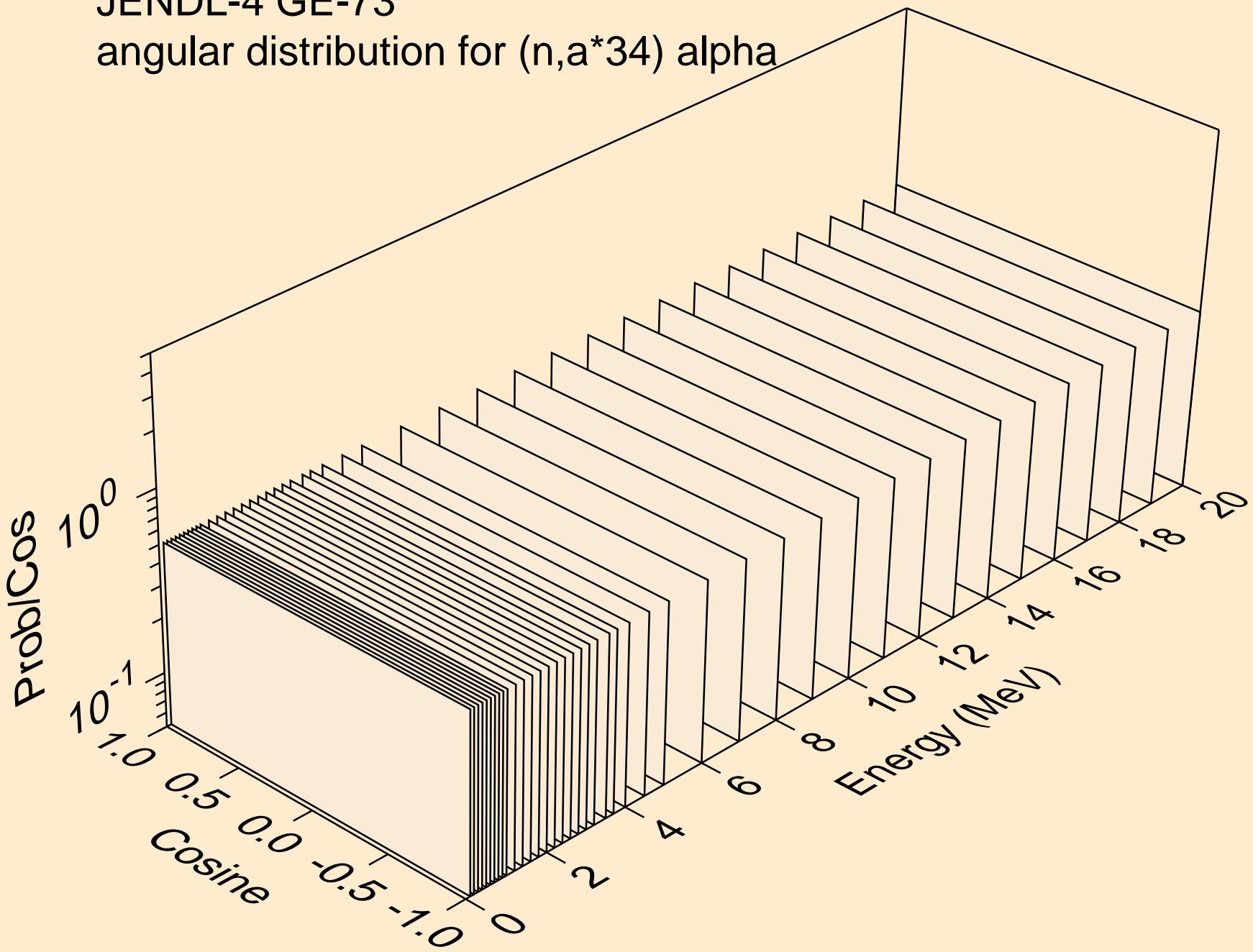
JENDL-4 GE-73  
angular distribution for ( $n, \alpha^* 32$ ) alpha



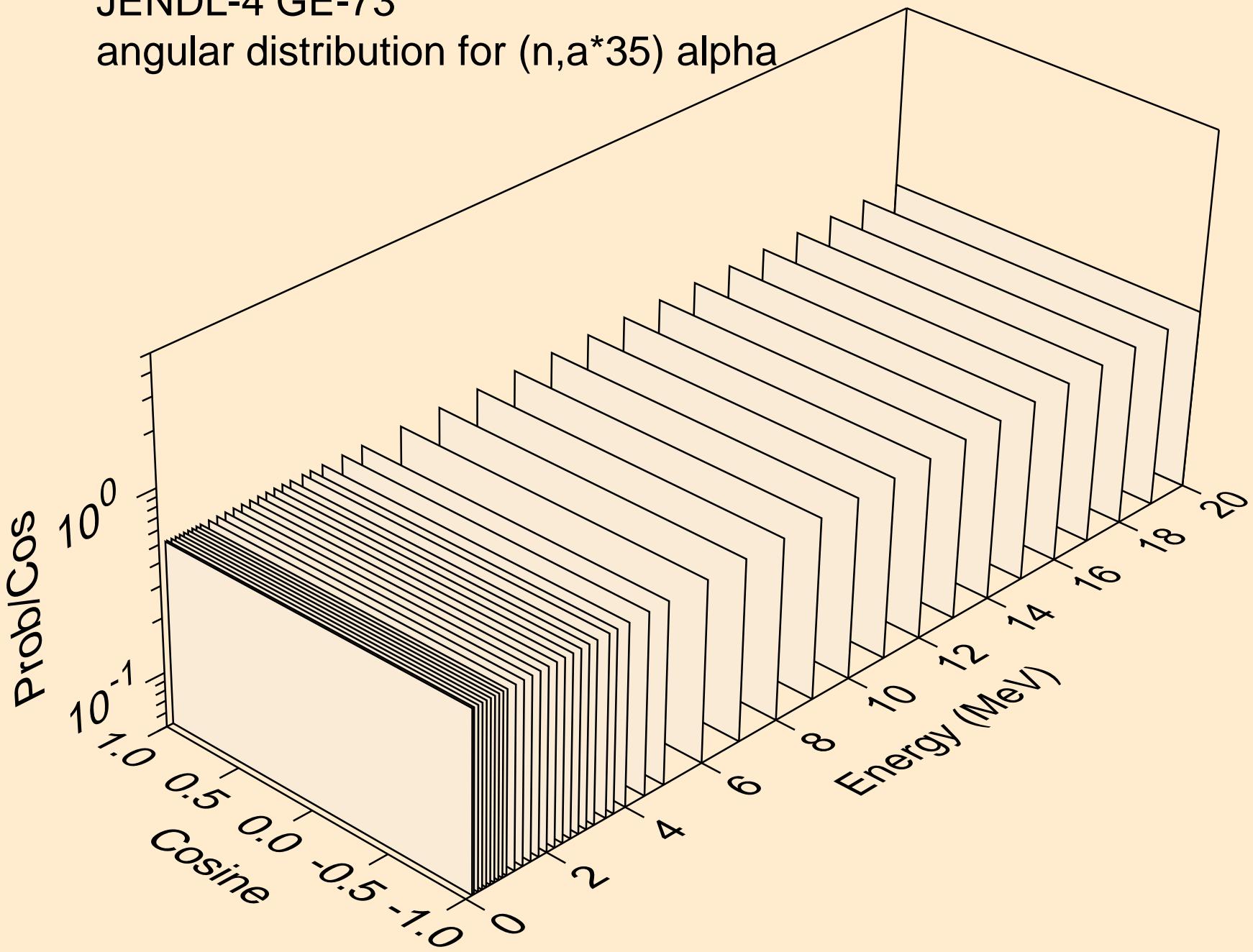
JENDL-4 GE-73  
angular distribution for ( $n, \alpha^* 33$ ) alpha



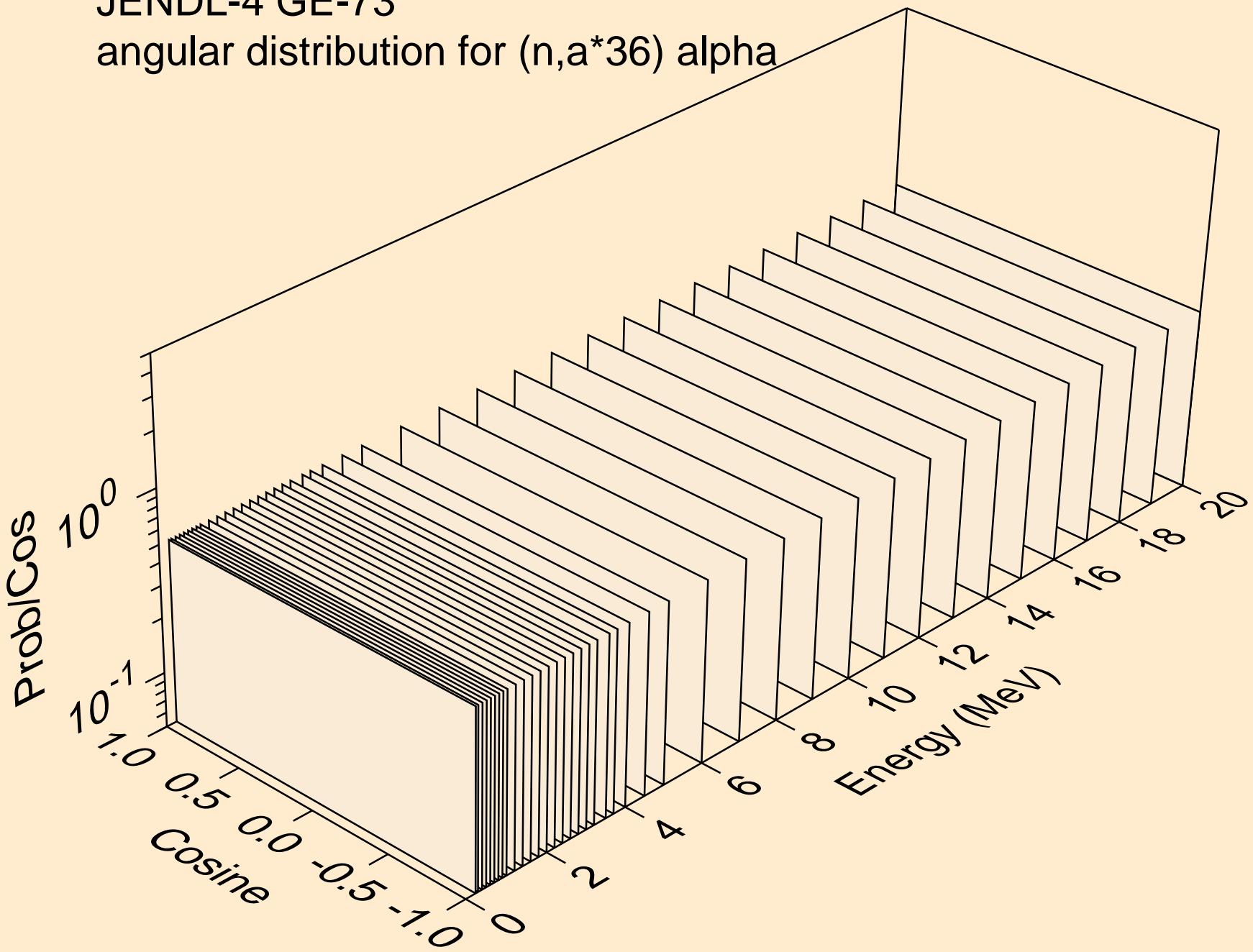
JENDL-4 GE-73  
angular distribution for ( $n, \alpha^* 34$ ) alpha



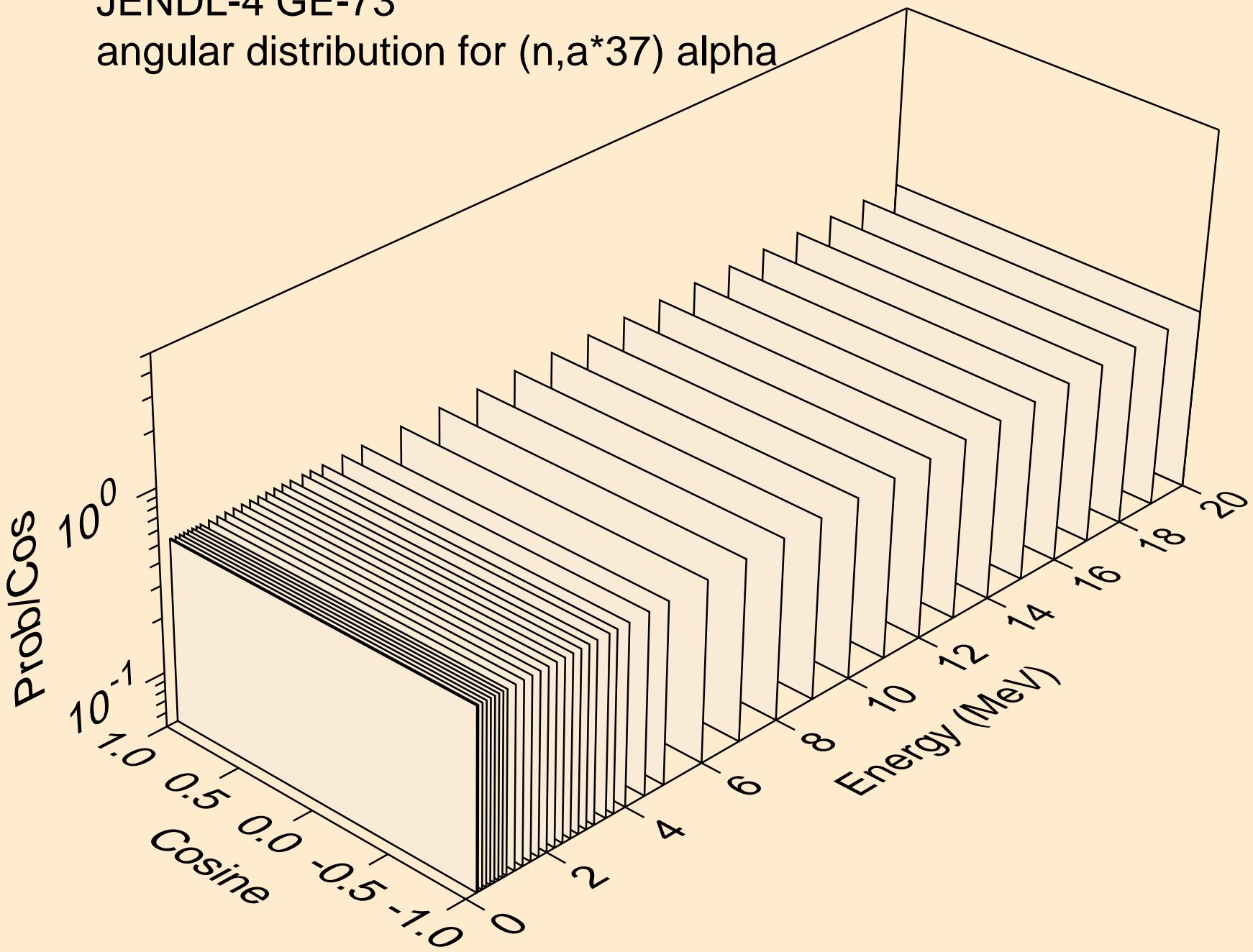
JENDL-4 GE-73  
angular distribution for ( $n,a^*35$ ) alpha



JENDL-4 GE-73  
angular distribution for ( $n, \alpha^* 36$ ) alpha



JENDL-4 GE-73  
angular distribution for ( $n, \alpha^* 37$ ) alpha



JENDL-4 GE-73  
alphas from  $(n,a^*c)$

